The 50 MH3 DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to PO Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

PY5CC 6m WAC in October

Within a few days of putting last month's bulletin to bed, I received word that Peter, PY5CC, had worked Ted, NH6YK, for his final 6m WAC continent (Oceania) on October 30, 1997 at 2120Z. Ted wrote the following regarding that contact: "In terms of DX, I was lucky to catch PY5CC on 6!!

I was calmly having my students watch a video, and heard a CQ--nice signals and I figured it was probably someone locally trying to keep the faith . . . then the call came in, PY5CC!! a nice 5x5 signal. We exchanged signal reports and grids and signed . . . Then I started looking around for the phone numbers for other 6m friends . . . akkk. All gone! So I put it on our cluster, and most of the 6m ops were not on or working . . . PY5CC continued to call CQ for another hour. Signals faded, and when last heard, he had switched to calling CQ on CW about 539 and fading. A new country (#8) and a new continent (#3) and I hope, a signal of things to come."

Europe-North America

GJ4ICD's Internet Six News had the following report by Marzio, I5MXX in JN53JU: "Yesterday (October 7) we had a short opening with states. K3RRE replied to my CQ around 1800Z. His signal was S7, but persisted only a few seconds. About 5 minutes later, K1DT, was heard calling CQ on 50.105 MHz S3-4 with lots of fading for over two minutes. Unfortunately he wasn't able to copy my call completely. Both signals were SSB. The very strange thing is that I was beaming towards South America, around 240' (with my 4x9 el Yagi HM) and when I switched my other antenna system (4x4 el HM) directed USA, all signals disappeared. . . . "

This is a rather classic case of sidescatter which one may find illustrated on page 185 of *Ionospheric Radio Propagation*, NBS Monograph 80, by Kenneth Davies. It also happens to be the subject of a talk which I recently gave at Pacificon.

A Reminder

1997-8 6 mtr DX Marathon

The 50 MHz DX Bulletin is sponsoring a DX Marathon, in which the object is to work 6m stations in as many grid fields (10° x 20° areas) as possible. (The grid field is the first two letters of a grid square.) The contest period will run from 00Z December 20, 1997 to 00Z January 19, 1998. Only one QSO per station worked should be reported unless either station has changed grid fields (or countries), and only one QSO of distance shorter than 2200 km should be reported per grid field. Contacts made through repeaters do not qualify.

It is thus expected that participants will abstract those QSOs qualifying from their regular logs. The only over-the-air exchange required is call signs, but you are expected to log date & time UTC and to report the location or grid square with sufficient accuracy to verify the distance.

Scoring, < 2200 km, 0 points (but multiplier for new grid fields); 2200-3300 km, 1 point; 3300-4400 km, 2 points; 4400-5500 km, 3 points; 5500-6600 km, 4 points; 6600-7700 km, 5 points; 7700-8800 km, 6 points; etc. (one more point for each 1100 km). Final score = (Contact points + 1) X grid fields. Logs should be posted by February 14, 1998 to the 50 MHz DX Bulletin, PO Box 762, Menlo Park, CA 94026 USA.

VK3OT Coming To Visit US

Steve, VK3OT, will be away from his home QTH for at least 13 months. He is planning to depart VK on December 26 for Seattle, WA and then go to Wasilla, AK BP51 December 30. Plans are for him to be there through February and to operate 10, 6, and 2m from both places.

Final call for of our readers who have worked Steve from his previous DX-peditions and haven't sent (received) cards:

Call	Location	Date	OSOB	%OSL
YJ8OT	Pt. Vila New Hebrides	1979	5000	75
VK2ATZ/LH	Lord Howe CQWW Oct.	1979	70	95
VK3OT/2	Lord Howe	1979	25	98
YJ8OT	Pt. Vila Vanuatu	1980	500	25
H44OT	Solomon Is.	1980	2500	50
FK8DJ	Noumea	1980	500	20
VK9XT	Christmas Is.	1980	6500	90
VK9XT	Christmas Is.	1982	5000	75
VK9YT	Cocos Keeling Is.	1982	4000	80
VK9ZG	Willis Is.	1980	3500	50
VK9ZD	Willis Is.	1981	2000	40
VK9ZG	Willis Is.	1982	2000	30
VK9YQS/0	Macquarie Is.	1989	1500	50
VK9YQS	Lord Howe Is.	1990	1000	20
VK9LE	Lord Howe Is.	1990	5000	75
VK9ZLX	Lord Howe Is.	1990	5000	50
VK9LE	Lord Howe Is. Dec.	1990	3000	25

Steve writes: "As you can see, the results are not spectacular.

Some US stations have still not QSL'd for contacts on 50 MHz with Macquarie island. Many made insurance QSOs to a second expedition; e.g., VK9LG/LE or VK9LE/ZLX so that could explain the low responses to later expeditions.

At least once or twice a month, I still get requests for a QSL card. QTH: will be PO Box 622, Hamilton Victoria Australia 3300 until December 27, 1997. After that I am unsure if I am keeping the PO Box or changing the mail drop to an RMB at the VK3SIX site. My e-mail address (steve.vk3ot@h140.aone.net.au) may also change and will be unavailable from Dec 27, 1997 to March 1, 1998.

I will have blank cards at WA6BYA's place in Dec 1997 and in the UK at the RSGB VHF/UHF convention on Feb 20-22 1998 and at ARRL HQ on February 24, 1998."

Oct.-Nov. 97 DX Reports

The following reports of >43 MHz DX propagation are courtesy of SM7AED's Six-metre Info, JA1VOK's columns World VHF News in FIVE NINE and V,UHF DX Topics in MOBIL HAM, GJ4ICD's Internet Six News (marked with #), G4UPS, VK3OT, ZL3TIC, JR3HED, HP3XUG, VE7SKA, SM7FJE, ZP5ZR, LW5EJU, PY5CC, K6OXY, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is mmddhhii, where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes after the hour. The year is understood to be 1997. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

ASCE	NSION	VIS.				
10272149	ED8VHF	WEAK :	> IM67		В	BH7KV
10292246	ED8VHF	539 >	IM67	50.0325	B	BA7KV
BOTSV						
10131656	A22BW				W	I#

CANA	RY IS			
10112146	EH8BPX	57 AVELINO	IL18SK	PY5CC
10112237	EHSBPX	55 TEP	50.110	PY5CC#
10122102	EH8BPX	59+		PY5CC
10152143	EH8BPX	59		S PP1CE#
10152233	EH8BPX	59		PY5CC
10162157	EH8BPX	51		PY5CC
10172201	EH8BPX	58		PY5CC
10172208	EHSBPX	59		S PP1BG#
10182145	BH8BPX		50.110	PP1CE#
10182156	EH8BPX	57		PY5CC
10192134				PY5CC
10192153				S PP1CE#
10202127		55		PY5CC
10222200-				H PP1CE#
10222251		51	50.110	S LUSEWD#
10232143	EH8BPX	51		PY5CC

CAPE	VERDE	IS.	
10222150	D44BC	50.110	8 PP1CE#

CEUTA	1 & N	1EI	П	LA		
10281240	BH9AI	579/	569	IM75	FRANCISCOC	G4UPS
10301109	BH9AI	2X58	9>1	H75	50.1096	G3UOF#
10301119	BH9AI	599	> 1	083	50.110	G0JHC#
10301143	BH9AI				50.110	GW3JX##

ETHIOPIA 10081240-ET3810 10141115 ET3810	W IW9EQS# W CB8LI#
CARON	

GABO	N						
10151550	TR8CA					G3HBR	
10151657	TRECA	57/57	JJ40	ALAIN	8	G4UPS	
10181725	TR8CA					G#	
10191714	TRSXX	559017	30	50.109		G4UPS	
10201748	TRECA	WKG P			H	GIHTS	

8	IOAMU
W	IKOFTA#

MADEIRA IS.

10172146 CT3FT 51 CEDRIC IM13TA PY5CC 10172150 CT3FT 56 S PP180# 10182150 CT3FT 57 PY5CC 10192129 CT3FT 57 PY5CC 10192129 CT3FT 59+ CEDRIC PY5CC 10222200-CT3FT 59+ CEDRIC PY5CC 10222200-CT3FT 51 PY5CC 10271958 CT3FT 51 PY5CC 10271958 CT3FT 51 PY5CC 10271958 CT3FT 51 PY5CC 10271958 CT3FT 55/55 IM13 >IL18SK S EH8BPX MALAWI 10021655 7078IX 339->569 MALIWI KH75 E G4UPS 10021708 707RM 569/559 & 57/56 W G4UPS	11210405 JA2IGY TEP 559 50.010 B VK3OT
10172150 CT3FT 56 S PP1BG#	11210407 JA6YBR TE 539 50.016 B VK30T
10192129 CT3FT 59 PY5CC	11210415 JA18YK 559 QM05br 50.023 VK3OT
10192130 CT3FT 55/55 IM13 >IL188K S EH8BPX 10202216 CT3FT 59+ CEDRIC PY5CC	11210415 JA75MA TE 579 QM07 50.027 B VK30T
10222200~CT3FT H PP1CE#	11210415 JEONWC (Harry JHOHQP) W VK2357
10232145 CT3FT 51 PY5CC 10271958 CT3FT 55/55 IM13 >TL18SK S KHRRPY	11210415 JE2TPM, JA4TOH (Yamaguchi) W VK2357
	11210415 JH9YHP 539 TE PH64 50.485 VX30T
MALAWI	11210415 JI3CWB, JW1MKU W VK2357
10021655 7Q78IX 339->569 MALIWI KH75 B G4UPS	11210425 JE3TJS/mobile 5x5, VK3OT
MALAWI 10021655 7078IX 339->569 NALINI KH75 B G4UPS 10021708 707RM 569/559 & 57/56 W G4UPS MOROCCO 01141115 CH8LI W BT38ID# 10151300 CH8LI 55 10281237 CH8LI 57/54 IN64 SAID S G4UPS NAMIBIA	11220350 JA3JTG 59 > RE66 50.110 \$L3TIC
MOROCCO	11220355 JESEPQ 59 > RE66 50.140 SLSTIC
10141115 CN8LI W BT3SID#	11220357 JA3QJA 55 > RE66 50.140 \$L3TIC
10281237 CH8LI 57/54 IM64 SAID 8 GAUPS	11220400 JH3APA 55 > RE66 50.140 SL3TIC
NAMEDIA	11220410 JG3GHU 59+> RE66 50.140 EL3TIC
NAMIBIA	11222333 7J6CCU 59 PL36 OKIMAWA .110 8 PY5CC
10191645 V51KC 33 WKG ON/PA H G4UPS	11230010 JAOGLM PM98 59 50.155 VK381X
10191714 V51VHF 449->569 @ 1724 B G4UPS	11230010 JA1,2,3 > RE66 SL3TIC
10221546 V51VHF 529 50.018 B IKOOKY#	11230011 JH0HEO CW 559 50.110 C VK38IX
1024XXXX V51VHF 539 B IKOFTA# 11011420 V51VHF 89 -1435 B G4TGO#	11230011 JRILSK 57 50.155 VK38IX
11081336-V51VHF 599 >IM75IV 50.018 B EH9AI	11230116 JJ1NLR 55 55 HIKA 50.120 S V73AT
COUTH A EDICA	11230117 JEITGE 55 59 PM95 50.120 S V73AT
11081336 886WB 58 KG44R>IN75 50.125 8 RH9AT	11230118 JAIWLO 57 55 YUKI 50.120 S V73AT
11081349 ES6AXT 549 RG33VV 50.105 C EH9AI	11230119 JAINUM 59 59 YO 50.120 8 V73AT 11230119 JRILEK 57 57 TAKA 50.120 8 V73AT
11081357 \$86AWK 549 >IM75IV 50.104 C EH9AI 11170300 \$86DB NS 50.050 B RRIEV	11240356 JASFFJ, 0426, JASCMO VK3OT
11170400 886PJS NB 50.210 W BRIEV	11240400 JAZIGY € 0532 519 B VK30T
NAMIBIA 10181530 V51RC 10191645 V51RC 33 WKG 08/PA 10191714 V51VHF 449->569 @ 1724 10221520 V51RC JG88LA 10221546 V51VHF 529 1024XXX V51VHF 529 11011420 V51VHF 539 11081336-V51VHF 539 > 1435 11081336-V51VHF 539 > 1751V SOUTH AFRICA 11081336 IS66WB 58 KG44E>IN75 11081336 IS66WB 58 KG44E>IN75 11081337 IS66WK 549 > 1M751V 11081357 IS66WK 549 > 1M751V 11081357 IS66WK 549 > 1M751V 11170400 IS66PJS MS 50.210 W BRIEV	11240400 JA7AHH VK3OT 11240403 JASTMP VK3OT
Reports of Asia	11240409 JAIVOK, JH1PCJ, JAIXOC P2 VK3OT 11240409+JK2MSB, JF2VNV, JF2HEV 0431 VK3OT 11240411 JR1USO, JP1LRT, JH1MYC VK3OT
AGIA CENEDAL	11240411 JR1USO, JPILRT, JHIMYC VK3OT
ASIA, GENERAL	11240416 JHILJU, JJ1QKM, JA1WLO VK3OT
10270146 ASIAN VIDEO 240 46.17165 V V73AT	11240416 JM155H, JA1WUH, JH1FWD PM86 VK3OT
10310122 ASIAN VIDBO 240 46.172 V V73AT	11240417 JH7OSL, JH7OHP, JA7WSS VK3OT
11070400 ASIAN TV 49.750 V VK30T	11240420 JA6TEW VK30T
11070500-ASIAN CORDLESS PHONE 46.239 P VK38IX	11240425 JA3EGE, JE3PCP, JR3AOT VK3OT
11100700 ASIAN TV 59 49.750/.7488 V \$L3TIC	11240432 JA2BNV, JI2EVL, JA2GTF VK3OT
11120800 ASIAN TV 59 46.170/46.240 V SL3TIC	11240438 JG1IEF, JA1UPT, JG18YM VK3OT
11150915 ASIAN TV VID 59 48.250 V \$L3TIC	11240440 JA0MHE, JA0OXQ, JAOGLM 0509 VK30T
11170430 ASIAN TV 55 46.17 49.750 V SLITIC	11240440 JL1UFW, JIINEA, JJ1TBQ VEGOT
11210430 ASIA unkn. 599+ SSTV 50.195 T VK30T	11240441 JA2IYH PM84, JI2QKJ, JG2CJW VK3OT 11240445 JA9RBE. 0509 JA9IPF VK3OT
11230005 ASIAN TV VID 59+ 49.750 V SL3TIC 11250330 ASIAN TV VID 5/8 49.750 +/- V SL3TIC	11240446 JF7XKY, JR7EXS, JH7AJD 0510 VK3OT
11250424 ASIAN TV VID 319 49.7495 V VK3OT	11240447 JK3ENJ, JJ3AEA/1 VK3OT 11240452 JH1HQY, JR1WEO, JA1KAW VK3OT
11270330 ASIAN TV VID 59 49.750 V KLSTIC	11240452 JH2HKD, JR2NET, JE2CVA VK3OT
11270830 ASIAN TV 55 BRAN VK4 48.250 V SL3TIC	11240455 311WCP 05094 331MLR, 3A1GTP VK3OT
CHINA	11240512 JE7LFS, JA7KDC 0532 VK3OT
10290300 BY-TV 355 +/- off 49.750 V JA1RJU	11240517 JA1HLR, JL1AGG, JJ1SKG 559 VK3OT
11050630 BY-TV 350° 49.750 V VK3BIX	11240518 JA1WLO, JA1WHC, JEIAEW 0530 VK3OT
110/040/ BY Telephone 45.240 F VK3SIX	11250346 JHOHME 559 50.120 C VR4GPB
HONG KONG	11250416 JA187C 50.110 VK3OT
11090243 VR2XMT > PL36 50.110 S JR6VSP	11250420 JA5QJD 59 > RE66 50.140 ELSTIC
11090245 VR2XMQ > PL36 50.110 S JR6VSP 11090247 VR2IL > PL36 50.110 S JR6VSP	11250421 JL4GTO 59 > RE66 50.140 EL3TIC
	11250423 JA5CMO 56 > RE66 50.140 ELSTIC
JAPAN	11250423 JH0OJX 55 > RE66 50.140 \$L3TIC 11250451 JH1WHS 51 > RE66 50.110 \$L3TIC
10080701 JA6YBR 330 50.027 B VR30T#	11250455 JHIWHS, JSIMPX 50.110 VK3OT
10120415 JA2IGY 330 50.010 B V73AT#	11250500 JIHCD 599 50.107 VK3OT
10120458 JR6VSP 330 PL36 50.110 V73AT#	11250503 JF6JLE 559 VK3OT
11040630 JR6YAG/B 50.036 B JE4JPP/4	11250506 JA2QLD 559 50.107 VK3OT
11070347 JA7EHA 360 QH07 50.027 B VK3SIX	11250508 JH2UZB 559, JIINJC 559 VK3OT
11070505 JR2HCB 355 QF02 559 50.112 C VK3OT 11080840 JR6YAG/B 50.036 B JR4JPP/4	11250510 JA1RJU 59 > RE66 50.150 ELSTIC
11100705 JA2DV? WEAK 50.110 H SL3TIC	11250512 JH0HZO 599 VK3OT 11250513 7K4PTY 599 JA1 area VK3OT
11130515 JA2IGY 330 WEAK ALSO 50.010 V73AT 11150450 JA1RJU 50.105 UWRREA	11250514 JIIUHE, JLIBYE, JAZIBO 599 VK3OT
11150450 JH48RG 360 PH57 50.105 VK8SEA	11250516 JH1WHS 59 50.107 8 VK3OT 11250518 JA1RJU 58 EL3AAH
11170501 JA1RJU 250 RE66 50.110 EL3HW 11170510 JR2HCB 55 H EL3TIC	11250519 7K4PTY 59 50.150 VK3OT
11170510-JAIRJU, JAIWHS H BL3TIC	11250522 JA1RJU 50.125 VK3AMK
11170518 JAIWHS 250 RE66 50.110 EL38W	11250527 JE2TPM PM85, JI1HCD PM95 VX3OT
11170518 JR2HCB EL3NW	11250530 JA72MA 539 50.027 B VK3OT
11180530 JR2HCB 59 Hiyo PM85 50.120 VK38IX/3	11250536 JAIRJU 50.105 W VK3BW
11180531 JE2DWS 57 VR3SIX/3	11250551 JA1RJU 59 50.130 W VK4FBQ
11180536 JG2AJK 59 Yoshi 50.120 Y VK38IX/3	LODE V C
11180537 JJ3AEA/1 55 Kei san 50.120 VK38IX/3 11180538 JH7LLE 59 Mass Sendai 120 VK38IV/3	10240224 HLILTC > DMR6 80 110 G TYONG
11180542 JF18UV 59 Sashi Tokyo .120 S VK3SIX/3	11040850 HLILTC > QM05 50.110 8 JAYBHI
11180544 JR2NET Called. 50.120 VK3SIX/3	11190128 DS1CMD 51.000 F JE2DWE
11180545 JROYEE 559 50.032 B VK3SIX/3	MALAYSIA, GENERAL
11180546 JHOZND 579 50.490 B VK3SIX/3	11070500 9M TV KotaKinibalu 48.2602 V VK38IX
ASIA, GENERAL 10080552 ASIAE VIDEO 40 46.17165 V V73AT 10310122 ASIAE VIDEO 240 46.172 V V73AT 101070406 ASIAE VIDEO 240 46.172 V V73AT 11070406 ASIAE VIDEO 240 46.172 V V73AT 11070406 ASIAE TV 10B0 240 46.172 V V73AT 11070406 ASIAE TV 10B0 240 46.172 V V73AT 11070500-ASIAE TV 10B0 240 46.172 V V73AT 11070500-ASIAE TV 10B0 240 49.750 V VX3OT 111070830 ASIAE TV 30 49.750 V VX3OT 111102000 ASIAE TV 59 49.750/.7488 V ELSTIC 11120800 ASIAE TV 59 46.170/46.240 V ELSTIC 11120800 ASIAE TV VS 59 48.250 V ELSTIC 11120800 ASIAE TV VID 59 48.250 V ELSTIC 11120800 ASIAE TV VID 59 48.250 V ELSTIC 11120800 ASIAE TV VID 59 48.250 V ELSTIC 11210430 ASIAE TV VID 59 49.750 V VX3OT 11210430 ASIAE TV VID 59 49.750 V ELSTIC 11250330 ASIAE TV VID 59 49.750 V VX3OT 11270330 ASIAE TV VID 59 49.750 V ELSTIC 11250330 ASIAE TV VID 59 49.750 V VX3OT 11270330 ASIAE TV VID 59 50 50 110 S JR6VSP 11090245 VR2NT	11070550 9M Carrier Link 59+ 43.850 VK3SIX
30.032 VK38IX	

11180546 JROYEE 350 11180555 JALLYK Keyer? QM05br 11180600 JAZIGY 559 Hagoya

11180546 JROYER 355 50.485 VKISIX 11180545 JROYER 350 50.032 VKISIX 11180555 JALLYK Keyer? QMO5br 50.022 B VKISIX/3 11180600 JAZIGY 559 Magoya 50.010 B VKISIX/3 11180603 JFILHUV 559 50.105/50.130 W VKISIX/3

RUSSIAN FEDERATION (Asia)

10050530 UA0-TV 10290300 UA0-TV 11050630 UA-TV

49.750 V VK3OT 49.750 V JAIRJU 49.750 V VK3SIX

11050630 UA-TV 350° 49.750 V VK3SIX 10231133 IMOGDC 58/58 JE61 FABRIEIO 8 G4UPS 11070330 UA-TV 350° 49.750 V VK3SIX 10231138 17C5B 55/55 JE71 MIKE 8 G4UPS G4UPS 11231800-GB3MCK AU 10231158-IK57VJY 59+ G4UPS 11180620 UA/BY TV 330 49.750/-V VK3SIX 10231138-IK57VJY 59+ JE53 -1250 8 G4UPS 11180620 UA/BY TV 599 49.750/-V VK3SIX 10231138-IK57VJY 59/59 JE53BU 8 G4UPS 11231030 UA-T V TV PB Vladivostok V VK3SIX 10231303 IK6MBT 59/59 JE62VP 8 G4UPS 10231303 UA R1 TV PB Vladivostok V VK3SIX 10241830 IK6MBT 59/59 JE62VP 10231303 UA R1 TV PB Vladivostok V VK3SIX 10241830 IK6MBT 59/59 JE63 AL 8 G4UPS 10231003 481SIX K804 > J065 JE61 FABRIEIO 8 G4UPS 11231800-GB3MCK AU 11231800-GB3MCK	50.0600 B G4F	
11070515 UAO-TV PH Warbly Vlad 49.75 V VKISIX 10231158-IK5YYY 59+ G4UPS 11180620 UA/BY TV 330 49.750/-V VKISIX 10231281 B105X 59/59 JH53 -1250 8 G4UPS 11180621 UA/BY TV 599 49.750/minus V VKISIX/3 10231309 IK50HY 59/59 JH53HU 8 G4UPS 11230330 UAR 1 TV PH Vladivoatok V VKISIX 10241830 IK6HHT 59/59 JH62VP G4UPS 11230330 UAR 1 TV PH Vladivoatok V VKISIX 10241830 IK6HHT 59/59 JH62VP G4UPS G4	B G41	GO
11180621 UA/BY TV 599 49.750/minus V VK3SIX/3 10231309 IK5OMY 59/59 JB53BU S G4UPS 11210400 UAO TV 360 TEP 49.750+/- V VK3OT 10241830 IK6HBT 59/59 JB62VP S G4UPS 11230330 UA R1 TV PB VLaditvostok V VK3SIX 10241830-ISCEP 55 G4UPS 10201611 YUSSIX 579 JB92JJ 10241830 IK6HBT 59/59 JB62VP G4UPS 10201611 YUSSIX 579 JB92JJ 10241830-ISCEP 55 G4UPS 10201611 YUSSIX 579 JB92JJ 10241830-ISCEP 55 G4UPS 10201611 YUSSIX 579 JB92JJ 10241830-ISCEP 55 G4UPS 10201611 YUSSIX 579 JB92JJ 10201611	50.115 H EA9	AI
11210400 UAO TV 360 TEP 49.700T V VK3SIX 10241830 KTSEP 55 G4UPS 10201611 YU6SIX 579 JR920J		
	50.024 B G4U B SM7	
	B SM7	AED
TAIWAN 10241923 ISBCW 579/569 JH53MW C G4UPS 10241810 YU6SIX 579 10241923-TWOGDC 59 -1936 H G4UPS 10250953 YU6SIX 569	B G40	
11040711 BV2SR > QM05 50.110 C JAIVOK 10241923-IW0GDK 59 -1930 H G4UPS 10271023 YU6SIX JN92 > J065 1040715 BV2FI 50.150 S JR2HCB 1025925-IK0FTA JH61 > J065 H SMTAED 10271050 YU6SIX 569 10271023 YU6SIX 569 10271050 YU6SIX 569 1	B SM7	
11040715 BV2FI 50.150 S JR2HCE 10250925-IKOFTA JB61 > J065 H SM7AED 10271050 YU6SIX 569 11040716 BV2FI 55 Bisaicity 50.150 JR2HET/2 10250935-IBTUS JM89 > J065 H SM7AED 10271245-481SIX 579		JPS
11040724 BV2SR 230 599 50.110 JHOMHE 10250945 IK6TIJ JH72 > J065 H SM7ARD 10271250 YULABA 579/579 KW04 11040727 BV2SR 50.110 C JR2HCB 10251005 IOXBU 59++ H G4UPS	C G40	JPS
11060549 BV2SR 59 50.110 JR2HCB 10251036 IWORLC 55/55 JH63 DARIO S GAUPS SICILY		
11060552 BV2SR > PM86 50.110 S JA9BHE 10251036~IW0GDC 57, I28DFP 55 B G4UPS 10121724 IT9KSS 59/59 JM49 10251047 IK00KY JH61 EMIL W G4UPS 10131012 IT9KSS 59	8 G40	
United Arab Emirates 10251053 10WTD 579/579 C G4UPS 10131314 IT9PHS 55, IWOURN 10251053 ITSPUT 1797105	5 H G40	IPS
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TAIWAN 11040711 BV2SR 11040715 BV2FI 11040715 BV2FI 11040715 BV2FI 11040715 BV2FI 11040716 BV2FI 10241923 INSOQDC 59 -1936 H G4UPS 10271023 YU6SIX 579 10271023 YU6SIX 569 10271023 YU6SIX 569 10271023 YU6SIX 569 10271023 YU6SIX 579 10271023 YU6SIX 599 10271023 YU6SIX 569 10271023 YU6SIX 579 10271023 YU6SIX 589 1027	H SM7	AED
10262102 IOWTD 59/59 JN61GU STEVE S GAUPS DLUVENIA	50.0155 B G40	me
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10271300 IW3010 59/59 JE65WP EDY 8 G4UPS CDATN		
AUSTRIA 102/1300+1831TR 5/ -1350 8 040PB 10112139 RASCPU/8 52	PYS	
10151100 Brick St.	E G40	
BALEARIC IS. 10121208 BH6VQ 56 -1213 H G4UPS 10271151 HB00AB 59/59 JB46ME S G4UPS 10211500 BH1EB 55 WK 579/55	PY5	
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10151758 EH6SA 59/99 JM19KO S G4UPS 10211500 EH1EN 55 WK 5/9/559 10151915 EH6SA CLG CQ AFRICA H G4UPS 10191655-EH6SH 559 H G4UPS 10261145 EH6SH 559/559 JM19 C G4UPS 10271020 \$322M KN02 > J065 H SM7AED 10261122 EH7KW 559/559 10261122 EH7KW 559/559 10261126 H1SM 558 7M00C/S 7M00C	H G4U	
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10271310 EH68A JE19 > J065 H SM7AED MALIA 10081240 9H1JE, 9H1AW WET38ID# 10261133-EA IMBAND TV STROI 1021128 9H1AW WKG 707RM 50.110 H G4UPS 10271255-EH1HE 57		
50 115 U P1017 10130943 9HLAW G3HBR 10271200 PHIAW	E G40	
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BULGARIA 10151322 9HLAW 559/449 JM75EX ALAE C G4UPS SWEDEN 10102302 SM3OKC 1p80 030 56	E0 1015 DEC	
NETHERLANDS 10230749 SM7ABD 579/569 59/5	9 80754 W G41	JPS
CROATIA 10151745 PAZVST SCATTER 130° 569 H G4UPS 10250756 SM7AED 579/559		
10241920 9A3FT 399/399 JN83FM RENNI C GAUPS 10211303 PEIROD 39/39 0023RB -12103R S SIGNAL CHILDREN ECO/SEC		
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11070450 CREWT 4 SK AURS 33 T VS/SNA		11171430 WAISPI FM41>EM740H 722MI MS W M8CGY 11171611 KAIMFA FM41>EM740H 722MI MS W M8CGY
11070439 CBRRT 3 MB AUES 55 T VE7SKA	NICARAGUA 10060102 YB6WFM 59 50.115 S EPSER	11230235-WAIT P843 > EM79XK AU H #81J#
11222248 VE6EMU AU > CH88 50.044 B VE7SKA	10060102 YH6WFM 59 10150036 YH6WFM 59+ HIRO BK62 11260004YH6WFM 59+ HIRO BK62 11260004YH6WFM 59+ HIRO BK62	11230255~W1/R5MA FH41 > EM79XK AU H M88JM 11230305~K1TOL FM54 > EM79XK AU H M88JM
11222248 VESKA DO20, DO21 > CH88 W VE7SKA	11260000+YM6WFM < 0100 CW+SSB W EP5CW	11230355-W1/W3EP FB31 > EM79XK AU H M8EJB
11230046 VE7RKC 55 D000 50.125 S VE7SKA	PANAMA	11230505-W1BUR ? > EM79XK AU H #81JW
1070512 VE4VHF 55 BN19 AUE 50.036 C VE7SKA 11070530 CBWFT 3 MB AUES 55 T VE7SKA 11222248 VE6EMU AU > CB88 50.044 B VE7SKA 11220248 VE6EMU AU > CB88 50.044 B VE7SKA 112201248 VE6EMU 55 DOO3 AU 50.041 B VE7SKA 11220101 VE7SKA CB88 > DO31 AU 144 W VE6TA 11230101 VE7SKA CB88 > DO31 AU 144 W VE6TA 11230102 VE8TD DO31 5A3 AEB34 144.200 B VE7SKA 11230102 VE8WD D031 5A3 AEB34 144.20 W VE6TA 11230326 VE7SKA 60 DB09 144.195 C VE7SKA 11230326 VE7SKA 60 DB09 144.195 C VE7SKA 1123048 VE8WD 5 DE22 50.036 B VE7SKA 1123048 VE8WD 5 DE22 50.036 B VE7SKA 1123048 VE8WD 5 DE22 50.020 B VE7SKA 11230459 CICT 2 AB DO20 AUES 75 T VE7SKA 1123053 VE6W EB19 DO33 50.125 S VE7SKA 11230XXX VE6WD EB19>DR26 AU 50.044 B VE7SKA 11230XXX VE6ARC DO05>DR26 AU 50.044 B W7HAH 11230XXX VE6ARC DO05>DR26 AU 50.044 B W7HAH 11230XXX VE8WD DP22>DR26 AU 50.045 B W7HAH 11230XXX VE8WD DP22>DR26 AU 50.046 B W7HAH 11230XXX VE	10030044 HP3XUG 59+ LOUIS PY5CC	United States, W2
11230105~VE7XF CH89 > DO31 AU 144 W VEGTA 11230125 VE6TA DO31 55A >EH34 144.2 W WOOHU	10030152 HP3XUG 59 50.115 8 EP5ER	11171229 W2IFC FM27>EM74OH 692MI MS W M8CGY 11171312 KB28GF FM05>EM74OH 680MI MS W M8CGY
11230300 VESWD DP22 > F841 B WILP	10130114 HP3XUG Luis 50.105 PP5JD-1#	11171621 H20DU FH02>BH740H 314MI MS W H8CGY
11230326 VETASY 60 DR09 144.195 C VETSKA 11230352 VE4VHF 70 EN19 AUES 50.036 B VETSKA	10200145 HP3XUG - 429 C PP1C## 10280000 HP3XUG 59++ PY5CC	11222300-W2DRE FH02 > EM79XK AU H M8EJH 11222307 WA2AEY FH23, KOOU FN42 144 AU H1BUG
11230408 VESWD 5° DP22 50.020 B VE7SKA	11020000 HP3 -0300 EP6CW	1122307 WAZABI FM25, KOOO FM42 144 AO MIBOO 11230245-KB2EVP FM22 > EM79XK AU
11230410 VEGARC 25 DOOS AU 50.044 5 VE7SKA	DIJEDTO DICO	11230415~N2VBK PN02 > EM79XK AU H M82JH 11230435~KB2YWU FN13 > EM79XK AU W M82JH
11230503 VE6JW 25° DO33 50.125 S VE7SKA	10022351 KP4HX 51 PY5CC	11230515~K2SPO FN13 > BM79XK AU H M88JM
11230XXX VE6ARC DO05>DN26 AU 50.044 B W7HAH	10030001 WP40 57 PY5CC	TI 14 1 04 4 W/2
11230XXX VE6EMU DO21>DN26 AU 50.041 B W7HAH	10030035 WP4KIA 52 PY5CC 10042342 WP4LUU 53 PY5CC	United States, W3 10071800 K3RRE 57 BEAM TO S.A. H 15MCK#
COSTA RICA 10022345 T14JHQ 55 EDUARDO 10060132 T14JHQ 59 EK70 10112339 T15KD 59 CARLOS EJ79 10112345 T15KD 55 50.1098 10130136 T14JHQ 10132334 T15KD 53 10140002 T14JHQ 57 10140012 T14JHQ 50.130 10140014 T15KD 50.130 10140014 T15KD 50.110 10150017 T17DBS 59+ DAHIEL EK70CK PY5CC 10150020 T14JHQ 55+ PY5CC	10042346 WP40 54 PY5CC	10071800 K3RRE 57 BEAM TO S.A. H I5MCK# 10212358 K380 53 FRED PY5CC
COSTA RICA	10050000 KP481 57 DEMETRIO FRA PISCC PYSCC	11171407 WB3AHT FH21>EN74OH 530MI MS W M8CGY
10022345 TI4JHQ 55 EDUARDO PY5CC 10060132 TT4JHO 59 EK70 50.130 S EP5ER	10050034 WP4NWE 53 PY5CC	United States, W4
10112339 TI5KD 59 CARLOS EJ79 PY5CC	10062325 WP40 57 PY5CC	United States, W4 10022324 W4/WB2QLP 55 PY5CC 10022329 N4RWS 51 BL87 PY5CC
10112345 TI5KD 55 50.1098 P12DSC# 10130136 TI4JHO 50.115 PP5JD-1#	10062337 WP4MSL 59 PY5CC	10022329 N4RMS 51 EL87 PY5CC 10022332 KC4SUS 57 EL95 PY5CC
10132354 TI5KD 53 S PP1CZ#	10080127 NP3MB 57 JOSEFIN PY5CC	10022333 AB4SW 53 BL97 PY5CC
10140002 T14JHQ 5/ 10140012 T14JHQ 50.130 PY2PA#	10080134 WP4MSL 57 JOSE PY5CC 10092309 WP40 51 PY5CC	
10140014 TI5KD 50.110 PY2PA#	10092359 WP4KIA 55 FK68 PY5CC	10022348 K4SH 52 EL96 PY5CC
10150017 TI7DBS 59+ DANIEL EK70CK PY5CC 10150020 TI4JHQ 59+ PY5CC 10200053 TI4JHQ 55 PY5CC 10200055 TI5GAX 53 PY5CC 10210006 TI5KD 59 PY5CC 10210041 TI4JHQ 59 PY5CC PY5CC	10100005 KP4EIT 59 PY5CC 10102247 KP4EIT 59 PY5CC	10022358 KJ4B 59 PY5CC 10030004 N4RFW 55 BL87 PY5CC
10200053 TI4JHQ 55 FY5CC	10102247 KP4EIT	10030005 KE4JIT 52 ALEX EL96 PY5CC 10030011 K4RQ 52 PY5CC
102100055 T15GAX 53 10210006 T15KD 59 PY5CC	10102313 KP4HX 59 PY5CC 10112329 KP4RIT 52 PY5CC	10030011 K4RQ 52 PY5CC 10212311 W4CHA 55 EL88 PY5CC
10210041 TI4JHQ 59 PY5CC	10122316 KP4BIT 59 PY5CC	10212312 N4RFB 55 EL87 PY5CC
10280035 TI4JHQ 58 TE EDUARDO 50.150 LW5EJU 10300144 TI4JHQ 59+EDUARDO TE 50.110 LW5EJU	10122346 KP44N demetrio 50.110 PP5JD-1# 10130014 KP4KNA 50.125 PP5JD-1# 10130019 KP4JH 57 50.110 8 EP5ER 10140006 WP4LLH 53 8 PP1CE# 10142014 WP4MSL 59 8 PP1CE# 1014231 KP4EIT/M 57 MOBIL STATION PY5CC 10162316 WP40 59+ FY5CC	10212321 W4WHH 51 EL94 PY5CC 10212323 W4UE 53 EM90 PY5CC
10300145 TI2NA 59+TE 50.0785 B LW5EJU	10130019 KP4JH 57 50.110 8 EP5ER	10212332 KF4MH 59 BM50 PY5GC
10302237 TI4JHQ CLG CQ CQ 50.110 PY2PA#	10140006 WP4LLH 53 S PP1CS#	10212336 KB4TEQ 51 BM73 PY5CC
10310012 TI4JHQ 59 EDUARDO F2 50.130 LW5EJU	10142302 KP4EIT/m 53 S PP1CE#	10212323 W4UE 53 EM90
10310020 TI2NA 55 F2 50.0785 B LW5EJU 10312335 TI2NA 59+F2 50.0785 B LW5EJU	10142311 KP4EIT/M 57 MOBIL STATION PYSCC	10212356 W4DR 51 PY5CC
10312335 TI4JHO 59+EDUARDOF2 50.120 LW5EJU	10162318 KP4EIT 53 PY5CC	10220016 K4BI 559 PY5CC
11010023 TI5GAX 53 BK70 50.120 LW5EJU 11010023 TI5GAX 53 GUILLERMO 50.120 LW5EJU	10170003 KP4UK 59 PY5CC	10220024 K4BI 539 50.108 C LUSEWD#
11010205 TI5KD 53 CARLOS TE 50.110 LW5EJU	10172338 KP3AR 51 P15CC 10172339 KP4UK 53 MARCO PY5CC	10241755+W4 TH > DM59 < 1900 H WONTK
	10172340 MP4QH 53 MOMSERRAT (YL) PY5CC	10272330 W4CHA 55 EL88 PY5CC 10281537 KB4TEQ EM73 > DM59 50.125 8 WOMTK
11020000 TI4, TI5 -0300 EP6CW	10172342 WP40 57 PY5CC 10182315 KP4EIT 59 PY5CC	11082200 W4 FL > EM21 11090145 WA5JCI
11100054 TIZNA 57 TE 50.0785 B LW5EJU	10182358 WP40 59 PY5CC	11082357 WEDU 3 FL Tampa EL87UT T WASIYX
11012030 TISKD 53 CARLOS TE 50.110 LWSEJU 11012330 TISKD 59+F2 50.0785 B LWSEJU 1102000 TI4, TI5 -0300 EP6CW 11100054 TIZBA 57 TE 50.0785 B LWSEJU 11100215 TISKD 57 CARLOS TE 50.120 LWSEJU 11110240 TI4JHQ 57 EDUARDO TE 50.110 LWSEJU 1110240 TI4JHQ 57 EDUARDO TE 50.110 LWSEJU	10202224 WP40 55 PY5CC	11090059 WPBT 2 FL Miami EL97VX T WA5IYX 11090115 W4/WB2QLP FL > EL09 50.150 WA5IYX
11110240 TT4JHQ 57 EDUARDO TE 50.110 LWSEJU 11251958 TI7WAM EK70 > FL11 W T49C 11260000+TI2NA < 0100 B EP5CW	10220020 WP40 599 PY5CC	11171808 KB40GM EL49>EH740H 1079 MS W #8CGY
11260000+T128A	10220030 KP4UK 59 PY5CC 10272312 WP4O 51 F2 EDWIE 50.110 LW5EJU	United States WE
CURA	10272326 WP4ARJ 59 PY5CC	United States, W5 10030008 WASRT 54 RICK BL49 PY5CC
	10272328 KP4EIT 51 TE PAPO 50.110 LW5EJU	
10212320 CO20J 53 EL83 PYSCC	10282230 KP4UK 55 F2 MARCOS 50.110 LW5EJU	10030012 WASHINK 58 JOE EL29 PYSCC 10030059 WASHINK 58 JOE EL29 PYSCC 10030101 WASJFI 53 PYSCC
DOMINICAN REPUBLIC	10282252 WP40 55 F2 EDWIN 50.110 LW5EJU	10272329 WA5UUG 59 BL49 JACK PY5CC
10050024 HIOVHP 539 B PY5CC	10302259 KP4UK 59+MARCOS F2 50.120 LW5EJU	10272344 WA5RT 57 EL49 PY5CC 10272348 KA5AAW 51 EL29 PY5CC
10102257 HIOVHF 529 B PY5CC 10200037 HISROX 57 RAFAEL PY5CC	10302300 WP40 59+EDWIM F2 50.120 LW5EJU 10302305 WP4MSL 59+JOSE F2 50.120 LW5EJU	10280005 K5SUA 52 PY5CC
10272330 HIOVHF 51 TE 50.008 B LW5EJU	10302310 NP3MB 59+JOSEPHI F2 50.120 LW5EJU	10280010 K5LLL 559 PY5CC 10280014 W50EI 579 PAT EM00 PY5CC
10302254 HIOVHF 56 F2 50.008 B LW5EJU	10302315 WP4MSL 59+JOSE F2 51.500 F LW5EJU 10302317 KP4UK 59 50.110 PY5CC#	10280019 N5OB 559 PY5CC
11042237 HIOVHF 57 TE 50.008 B LW5EJU	10302325 KP4HX 52 BRAULIOF2 50.130 LW5EJU	10280024 HT5DX 559 PY5CC
11202330 HIOVHF -2350 B \$P6CW	11012332 WP4MSL 59 JOSE F2 50.110 LW5EJU 11032358 WP4O 51 EDWIN TE 50.115 LW5EJU	10280100 W5/W6JKV 54 TE EM10 50.135 LW5EJU
11270100-HIOVHF 559 B PY3FF	11040015 KP4BIT 53 PAPO TE 50.115 LW5BJU	10280108 K5IUA 53 TE BL29 50.105 LW5EJU
EL CALLADOR	11042245 WP40 57 EDWIN TE 50.110 LW5EJU	11110048 KA5ULI BM30 > DM59 -0113 8 WOMTK
EL SALVADOR	11042250 KP4UK 59 MARCOS TE 50.110 LW5EJU	11110048 W5VUY EM40 > DM59 50.125 8 WONTK
11010007 YS1ECB 53 EDGARDO F2 50.110 LW5EJU	11042325 KP4EIT 57 PAPO TE 50.130 LW5EJU 11062245 WP4O 59 50.110 C PY3FF	11171808 W5VAS EM40>EN740H 1013 MS W #8CGY
11010007 YS1ECB 53 EDGARDOF2 50.110 LW5EJU	10302315 WP4MSL 59+JOSE F2 51.500 F LWSEJU	United States WG
CRENADA	11180015 KP4EIT 55 PAPO TE 50.120 LWSEJU 11180025 WP4O 53 EDWIN TE 50.110 LWSEJU	United States, W6
GRENADA 10022310 J3B0C 579 B PY5CC 10042337 J3B0C 529 B PY5CC 10060030 J3B0C 519 B PY5CC 10070001 J3B0C 559 B PY5CC 10080043 J3B0C 539 B PY5CC 10102237 J3B0C 559 B PY5CC 10102237 J3B0C 559 B PY5CC 10112328 J3B0C 539 B PY5CC 10112328 J3B0C 539 B PY5CC 10272300 J3B0C 57 P2 50.056 B LW5EJU 10282255 J3B0C 53 P2 50.056 B LW5EJU 10302335 J3B0C 53 P2 50.056 B LW5EJU 11020000 J32 -0300 11112100 J3B0C 589 >PK68 50.056 B LW5EJU 1120000 J3C -(21)0100 B P6CW 11202030 J3B0C 51 BBACOB TE 50.056 B LW5EJU 11260000+J3C <0100 B P6CW 11270100~J3B0C 579 B PY3FF GUADELOUPE 10312353 F05B0 51 FK96 F2 50.110 LW5EJU 11010012 FG5B0 51 FK96 F2 50.110 LW5EJU 11010012 FG5B0 51 FK96 F2 50.110 LW5EJU	11180015 RP4EIT 55 PARO TE 50.120 LW5EJU 11180025 WP40 53 EDWIH TE 50.130 LW5EJU 11220240 WP40 55 EDWIH TE 50.130 LW5EJU 11250220 RP4EIT 57 PARO TE 50.120 LW5EJU 11250235 RP4BE 55 TIM TE FK78 .120 LW5EJU	11070317 KC61PF 45° CH80 AU 50.125 C VE78KA
10042337 J38OC 529 B PY5CC	11250220 KP4B1 55 TIM TE FK78 .120 LW5EJU	TT 14 LC4 4 WYOM
10070001 J3BOC 559 B PY5CC		United States, W7
10080043 J3EOC 539 B PY5CC	ST KITTS & NEVIS IS.	10301625 W7RV DH43 150° Es? 50.125 S VE7SKA
10102257 J3EOC 559 B PY5CC	10022311 V44K 559 B PY5CC 10030015 V44KAA 59+ PK87 PY5CC	11070105 W7WKR 55° CN87 AU 50.070 B VE7SKA
10112328 J3EOC 539 B PY5CC	10042336 V44K 529 B PY5CC	11070153 W7ALW 60° DB27 AU 50.125 H VE7SKA
10282255 J3BOC 53 F2 50.056 B LW5EJU	10000034 V44K 519 B PY5CC 10070001 V44K 559 B PY5CC	11070202 N7ML 52A DH45>CN85 AU 50. W N7DB
10302335 J3EOC 53 F2 50.056 B LW5EJU	10080043 V44K 539 B PY5CC	11070221 W7 55A CH96>CH85 AU 50. W H7DB
11112100 J3BOC 589 >FK68 50.056 B WP40	10102257 V44K 559 B PY5CC	11070228 K7XD 50° CB85 AU 144.200 C VE78KA
11202330 J32C -(21)0100 B \$P6CW	10112328 V44K 519 B PY5CC	11070234 W7HAE AU 144. H H7DB
11260000+J32C < 0100 B EP5CW	10272312 V44K 53 F2 50.055 B LW5EJU	11070241 W7GJ 55° DN27 AU 50.135 8 VE78KA
11270100~J3EOC 579 B PY3FF	10282300 V44K 57 F2 50.055 B LW5EJU	11070251 H7EIJ 55° CN85 AU 144.200 C VE78KA
GUADELOUPE	11260300 V44K 57 BEACON TE 50.055 LW5EJU	11070255 K7RWT 60° CB85 AU 50.125 C VE78KA
10312353 FG5BG 51 FK96 F2 50.110 LW5EJU	11270100-V44K 579 B PY3FF	11070305 W7ALW DB36 > DM59 52 AU H WONTK
11010012 FG5BG 3000 MI W EP6CW#	TUDIC & CALCOS	11070310 W7 54A DB36>CB85 AU 50. W M7DB
HAITI	10KKS & CAICUS	11070311 W/ 54A CN8/>CN85 AU 50. W M/DB
HAITI 10032310~HH7PV Es W AC4TO#	30.100 #40BAP	11070322 N7EA AU > CN85 AU 144. E M7DB
	United States, W1 10071805 KIDT CLG CQ 83-4 -1807	11070355 W7 52A DN09>CH85 AU 50. W #7DB
MEXICO	10071805 KIDT CLG CQ S3-4 -1807 H I5MXX#	11070406 W7 52A DN17>CN85 AU 144. W M7DB
10212014 XEIKK 559 F2 OPEN B PY5CC 10300145 XEIKK 59+TE 50.022 B LW5E/III	11070100+W1/K00U FM42>EM92 AU 144. W WA3LTB	11070416 K7XD 55° CN85 AU 50.125 C VE76KA
11010023 XEIAVN 53 ISHAEL DK79 .110 LW5EJU	11070100+W1RNA F834>E892TA AU 144. W WA3LTB	11070425-W7GJ DB27>CN97 AU W WB7DHC

11070431 W7 41A CN97>CN85 AU 50. W M7DB	11162241 VK TV 59 69.740 2L3TIC 11162241 VK TV VID 46.170 46.240 V EL3TIC 11162241 VK TV VID 57.24/57.25/57.26 V EL3TIC 11162200 VK TV VID -2305 86.250 V EL3TIC 11170220 VK-VIDBO 210 46.12 46.240 V73AT 11170300 VK-VIDBO 220 46.172,46.260 V73AT 11210440 VK-VIDBO 299 50.08 R JL4GTO 11220420+VK-TV BS PACI 46.240/46.170 V EL3TIC 11220430 VK-TV BS PACI 46.240/46.170 V EL3TIC 11231900 VK-TV SP+ 46.170/46.240 V EL3TIC 11231900 VK-TV 59+ 46.170/46.240 V EL3TIC 11231230 VK-TV 59 BS JA 46.170/46.24 V EL3TIC 11270330 VK-TV 59 BS JA 46.170/46.24 V EL3TIC 11230157 VK1VP 54 54 ED 50.125 S V73AT 11230210 VK1 STRONG EL3TIC	11222356 VK3SIX > QM05 50.053 B JA1VOK
11070440 W7 56A DN27>CN85 AU 50. W M7DB	11162241 VK TV VID 46.170 46.240 V \$L3TIC 11162241 VK TV VID 57.24/57.25/57.26 V \$L3TIC	11230006 VK3OT > PM95 50.155 8 JE1TGH 11230006 VK3OT > QM05 50.155 8 JA1VOK
110704XX W7/HOXX CN84>CH85 AU 50. H N7DB	11162300 VK TV VID -2305 86.250 V BL3TIC	11230010 VK3OT 50.155 8 JAO/1
11070538 M7DB 65 CN85 AUE 50.125 H VE/SKA 11070603 N7ML DR45 > CN96 AU W WB7QBS	11170220 VK-VIDBO 210 46.12 46.240 V73AT	11230148 VK3ATQ 53 53 JOHN 50.110 8 V73AT
11070610 N7ML DN85>CN85 AU 50. H N7DB	11210440 VK? RTTY 180 599 50.08 R JL4GTO	11230150 VK3YY 53 55 GLEH 50.125 S V73AT
11070610 W7GJ DN2/ CH90 AC W WD/QDS 11160445 W7/HOXX 55 CH84>DM59 50.125 S WOMTR	11220420+VK-TV BS PACI 46.240/46.170 V ELSTIC	11230152 VK3OT 55 55 STEVE 50.125 S V73AT
11160447 WX7R 55 CW85 > CM59 50.173 8 WOMTK	11230430 VK-TV BRAM S AU 46.170 V ELSTIC	11230153 VK3AMK 55 59 JEFF 50.125 8 V73AT
1122315 W/WKK 50 CM 122315 W/WK 50 CM 122315	11232130 VK-TV 57.240/57.250/57.260 V ELSTIC	11230156 VK3ENF 53 53 FRANK 50.125 8 V73AT
11230040-K7HQ CH87 > DO31 AU 144/222 W VE6TA	11270330 VK-TV 59 BS JA 46.170/46.24 V ELSTIC	11230157 VK3ATQ 56 57 JOHN 50.125 8 V/JAT 11230209 VK38IX 579 579 50.110 C V73AT
11230055 W7HAH 55 DM28 50.062 C VE7SKA	Australian Capital Territory-VK1	11230749 VK3OT 519 519 STEVE 50.111 C V73AT
11230107 WX7R 50 CH85 50.130 S VE/SKA 11230110 KE70I DN76 MT 55A 144.2 W WOOHU	11230157 VK1VP 54 54 ED 50.125 8 V73AT	11232145 VK3OT 59 50.160 ELSTIC
11230115-KE70I DN76 > DO31 AU 144 W VE6TA	Australia-New South Wales-VK2 10242304 VK2 0h0 > QM05 46.24 V JAIVOK 11040402 VK2 0h0 > QM05 46.24 V JAIVOK 11150540 VK2 0h0 > QM05 46.24 V JAIVOK 11150550 VK2 0h0 > QM05 46.24 V JAIVOK 11160555 VK2 1BT 180 59 - 50.1305 110 JAIRJU 11160557 VK2 IBT 180 59 - 50.1305 110 JAIRJU 11160633 VK2 IDX > QM05 50.130 B JAIVOK 11160635 VK2 IDX 50.110 B JAIVOK 11160635 VK2 IDX 50.110 B JAIRJU 11160635 VK2 IDX 50.110 B JAIRJU 11160635 VK2 IDX 50.110 B JAIRJU 11160639 VK2 VC 50.120 B JAIRJU	11240401 VK3OT > QN12 50.110 C JASTMP
11230135 W7HAH AU > DH70 HD 432;144 W ROGU 11230140-H7EPD CR87 > DO31 AU 144 W VE6TA 1123020-W7 WA,OR,MT > CM94 H KI7WB	Australia-New South Wales-VK2	11240406 VK3OT > QM05 50.115 8 JA1VOK
11230200+W7 WA,OR,MT > CN94 H KI7WB 11230220~K7VK DN26 > DO31 AU 144 W VE6TA	10242304 VK2 ch0 > QM05 46.24 V JA1VOK	11240418 VK3OT > PM53 50.115 S JA6TEW 11240420 VK3XO > OM05 50.140 S JA1VOK
11230220-K/VK DN26 > DO31 AD 144 W VBOIA 11230240 W7GJ 60 DH27 50.135 S VR76KA	11040402 VK2 ch0 > QM05 46.24 V JAIVOK 11150540 VK2 ch0 > QM05 46.24 V JAIVOK	11240423 VK3AKK > QM05 50.110 S JALVOK
11230251 W7HAH 60 DN26 144.203 C VE7SKA	11160550 VK2 ch0 > QM05 46.24 V JA1VOK	11240426 VK3XQ > PM53 50.140 S JA6TEW 11240430 VK3AKK > PM53 50.120 S JA6TEW
11230321 H7EIJ 65 CW85 144.195 C VE7SKA 11230342 WATTUE 60 CW96 50.125 C VE7SKA 11230345 K7ND 60 CW85 50.125 S VE7SKA	11160557 VK2IBT > QM05 50.130 8 JA1VOK	11240432 VK3AMK > QM05 50.1525 8 JA1VOK
11230345 K7XD 60 CH85 50.125 S VE7SKA 11230348 W7/WL7IE 50 CH87 50.125 S VE7SKA	11160554 VKZIBT 180 59 -50.13050.110 JAIRJU 11160557 VKZIBT > QM05 50.130 B JAIVOK 11160633 VKZZDX > QM05 50.110 H JAIVOK 11160635 VKZZDX 180 50.110 B JQZBRI 11160635 VKZZDX 180 50.110 JAIRJU 11160639 VKZVC 50.120 S JRZHCB 11170A21 VKZ/4 TV 46.170/46.240 V JAIRGE	11240446 VK3AEY > PM53 50.160 8 JA6TEW
11230430 KI7WB AU 70° CB94 144.208 C VE7SKA 11230430-KA7YAO DB46 > DO31 AU 144 W VE6TA	11160635 VK2ZDX 180 50.110 JA1RJU	11240452 VK3CHX > PM53 50.170 H JA6TEW 11240500 VK3OT > QM05 50.110 H JA1VOK
11230519 KC7NML 70° CN86 AU 50.125 S VE7SKA	11162115 VX2DM 59+ BOB W \$L3TIC	11240527 VK3SIX > QM05 50.053 B JA1VOK
	111/0111 111/1111	Australia-Queensland-VK4
11231333 #760 #8 90 5#27 301220 0 7270141	11170429 VK2BTS 180 59 50.110 JA1RJU	10231007 VK4TL > PM86 50.125 8 JA9BHS
United States, W8	11170429 VK2HO > PM95 50.110 S JH1WHS	10242304 VK4 ch0 > QM05 46.172 V JA1VOK
10022354 WASPXL 51 PY5CC	11170434 VK2HO 180 59 50.120 JA1RJU	10260240 VK4 GE0 > QM05 46.172 V JAIVOK 10260349 VK4BRG > QM05 50.110 S JAIVOK
11070316 KUSY 55A IN61>DN70MQ AU C KOGU	11170436 VK2HO 180 59++ 50.120 JASEGE 11170447 VK2RA > PM95 50.105 8 JH1WHS	10260550 VK4WTH > QM05 50.110 H JA1VOK
11181630+W8 MI WKG W4,W0 <1750 H WOMTK 11222320~W8CM RN74 > RM79XK AU H N8ZJM	11170448 VK2BA 50.105 S JR2HCB	10290254 VK4APG 180 59 50.110 S JK2HCB
11230000~W8/WV1R EN82 > EM79XK AU H N8EJN	11170450 VK2BA 180 59 50.105 JAIRJU 11170515 VK2BA > PM86 50.105 S JA9BHZ	10290255 VK4AFL 50.110 S JR2HCB
11230120~K8EES FN02 > EM79XK AU H N82JN 11230315~W8/N5SC EN72 > EM79XK AU H N82JN	11170524 VK2BA 50.105 S JR2HCB	10290255 VK4ZX 180 59 50.110 JA1RJU
11230405~88WMA EN82 > EM79XK AU H N8EJN	11170540 VK2VC	10290257 VK42X 50.110 S JR2HCB 10290257 VK42X > PM63 50.120 S JA5CMO
United States WO	11170542 VK2FLI > PM95 50.130 8 JH1WH8	10290257 VK4EX 180 59 50.110 JL4GTO
10212333 K9HUY 55 BL86 PY5CC	11190435 VK2HO 50.110 S JR2HCB	A USTFAIR — QUECENSIAN G-V K-4 10231007 VKATL
11070100+#9JR EN63>BH92TA AU 144. W WA3LTB	11190436 VK2HO 180 50.120 JA1RJU 11210348 VK2HO 180 569 50.110 JA1RJU	10290259 VK4APG 180 50.110 JL4GTO
11191830 K9FYE EH45 > DM59 BILL S WOMTK	11210405 VK2ERF 180 59 50.150 JA1RJU	10290305 VK4DD 50.110 8 JR2HCB
11191935 W9JUV EN62 > DM59 JOE .173 8 WOMTK 11191950 N9IMH EN52 > DM59 ALAN.173 8 WOMTK	11210410 VK2ERF 180 Bubgonia 50.150 JL4GTO 11210444 VK2ERF 180 59+ 50.174 JA9BHS	10290305 VK4DO > PM63 50.125 8 JA5CHO 10290305 VK4DO 180 59 50.110 JA1RJU
11230020-K98B EN35 > EM79XK AU W H85JE 11230100 KB9KEM EH54 > EM79XK AU H H85JE	11210450 VK2APG 50.185 8 JF3WGM	10290305 VEADO 180 59 50 110 JTAGTO
11230100 KB9KEM ES54 > EM79XK AU	11210521 VK2APG 180 56 50.185 JA1RJU	10290307 VK4AFL > PM86 50.135 8 JA9BHI 10290314 VK4BRG 50.110 8 JR2BCB 10290314 VK4BRG 180 59+ 50.135 JL4GTO
	11220325 VK2 ch0 > QM05 46.24 V JAIVOK	
United States, W0 10212310 WOVHF 51 BL87 10261853 KBOUIN EM39 > DM59 -1907 S WOMTK	11230155 VK2APG 55 57 GERRY 50.125 8 V73AT	10290318 VK4BRG > PM60 50.135 8 JASHM 10290323 VK4BRG > PM63 50.135 8 JASCMO 10290328 VK4APG > PM63 50.150 H JASCMO 10290352 VK4AFL 180 55 50.110 JL4GTO
10212310 WOVHF 51 EL87 PYSCC 10261853 KBOUIN EM39 > DM59 -1907 S WOMTK	11230158 VK22DX 55 57 50.125 8 V73AT	10290328 VK4APG > PM63 50.150 H JA5CHO
10261904 NWOB JERRY -1906 50.125 S WOMTK		110200440 VK4 ch0 > QM05 46.172 V JAIVOK 11040400 VK4 ch0 > QM05 46.172 V JAIVOK
10281832 KORTC EM27 > DM59 -1855 S WOMTK	11232010 VK2 STRONG SL3TIC 11240643 VK2 ch0 > QM05 51.74 F JA1VOK	11040400 VK4 ch0 > QM05 46.172 V JA1VOK
10281835 WOVD EM27 > DM59 -1905 S WOMTK	11240643 VK2 ch0 > QM05 51.74 F JAIVOK 11240845 VK2TP > PM63 50.110 S JA5CMO	11070535 VK4RGG 220 50.058 B V73AT 11110735 VK4ABP 559 QG26>0800 52.345 B VK3SIX
10291931 KNOP 2 NE > CA 1100 T SMITH		11110735 VK4ABP 559 QG26>0800 52.345 B VK3SIX 11120530 VK4RGG 060 QG62 50.057 VK3SIX
10291945 KUSDt 2 SD > CA 1325 T SMITH 10291931 KNOP 2 NE > CA 1100 T SMITH 10292028 KCNCt 4 CO > CA 860 T SMITH 10292020 KWGB 2 CO > CA 860 T SMITH		******** ***** **** *** *** *** *** **
11070100+W0ZQ EN34>BN92TA AU 144. W WA3LTB 11070XXX KOMQS AU 144. H WA9JML	Australia-Victoria-VK3 11070505 VK3SIX 11070530 VK3ANK 155 QF22 AU 50.120 VK3OT 11070620 VK3-TV WAGGA AU 150 46.240 V VK3SIX	11150700 VK4DO 50.110 8 JR2HCB
11170630 KOETC S5 Rs >DN70MQ -0640 B KOGU	11070620 VK3-TV WAGGA AU 150° 46.240 V VK3SIX	11150705 VK4 ch0 > QM05 46.172 V JA1VOK
11171759 KOFF EM49>EN74OH 464MI MS W BSCGY 11191820 NOHNM EN06 > DM59 LULE S WOMTK	11070630 VK3AMK 55A 150° 50.120 W VK3SIX 11100805 VK3 WEAK 50.110 H EL3TIC	11150715 VK4RO & CW 0725 50.130 S JR2HCB
11191839 NONE EN11 > DM59 DALE S WOMTK	11150622 VK3SIX 180 559 50.0529 B JA3EGE	11160239 VK4 ch0 & 0550> QM05 46.172 V JAIVOK 11160621 VK4JSR > QM05 50.120 S JAIVOK
11191914 KBOQCR EN23 > DM59 CHRIS S WOMTK 11191941 WAORLY EN33 > DM59 CARL.173 S WOMTK	11180332 VK3SIX > PM85 50.053 B JE2DWS 11180332 VK3SIX 579 QF02 50.0535 B JF18UV	11160621 VK4JSR 180° 57 QSB 50.120 JA1RJU 11160624 VK4JSR > PM75 50.120 S JA3JTG
11230100 KOGU DH70 CO > EN34 144.2 W WOOHU 11230110-WO/WA2HFI EN34>DO31 AU 144 W VE6TA	11180344 VK3XQ 50.110 S JR2HCB	11160606 178418F 100° 80 80 180 731070
CARREST TO THE WALL IN THAT ANY AREA IN WELCOME	11180351 VK3XQ 50.131 C JR2HCB 11180357 VK3XQ 599 QF21 50.130 Q JAIRJU 11180357 VK3XQ 180 599 50.130 JAIRJU	11160627 VK4AFL > PM75 50.150 8 JA3JTG 11160627 VK4AFL > QM05 50.150 B JA3UG 11160636 VK4YR 50.110 8 JG2BRI
11230125 WOOHU EW34 > DO31 AU 144 W VE6TA	11180357 VK3XQ 599 QF21 50.130 Q JA1RJU 11180357 VK3XO 180 599 50.130 JA1RJU	11160636 VK4YR 50.110 S JG2BRI 11160637 VK4APG 180° 50.120 JA1RJU
11230240-KAORYT EH34 > DO31 AU 144 W VE6TA	11180407 VK3WW 50.110 B JR2HCB	11160638 VK4JSR . 50.140 S JR2HCB
11230125 MOOHU EN34 > D031 AU 144 W VE6TA 11230200-KD0AUU ? > D031 AU 144 W VE6TA 11230240-KAORYT EN34 > D031 AU 144 W VE6TA 11230300-KB0FYO EN24 > D031 AU 144 W VE6TA 11230330-MOOHP EN34 > D031 AU 144 W VE6TA 11230335-KG0VL/M EN32 > EM79XK AU W B8ZJB 11230400-KOGJX EN35 > D031 AU 144 W VE6TA	11180407 VK3AMK > PM85 50.130*8 JR2HCB 11180408 VK3AMK > PM85 50.110 S JR2HCB 11180410 VK3AMK > PM85 50.140 H JEZDWZ 11180410 VK3AMK 59 50.140 JA1RJU	11160638 VK4JSR 50.140 8 JR2HCB 11160640 VK4AFL 50.110 8 JA5GJM/4 11160644 VK4AFL 50.135 8 JR2HCB
11230335~KGOVL/M EN32 > EM79XK AU W 882JH	11180410 VK3AMK > PM85 50.140 H JE2DWE 11180410 VK3AMK 59 50.140 JA1RJU	11160646 VK4AFL > QM05 50.135 H JAIVOK
11230423-WODES 1 - BR/7RR RO 2 BOOKE	11180410 VK3AMK 180 QF21 59 50.140 JA1RJU	11162215 VK4DO 59 WALLY W \$L3TIC 11162241 VK4JH 59+ JOB W \$L3TIC
11230455-WB0YDI EM35 > EM79XK AU H M82JW 11231145 WO/WA2HFI AU > EM92 144 H WA3LTB	11180524 VK3WW 50.110 S JR2HCB	TITIONS ANATH - EMPS SOUTHER PRINTINGS
	11180524 VK3XQ 50.110 S JR2HCB 11180528 VK3OT 50.110 C JR2HCB	11170436~VK4RGG VK4LR VK4CWJ JA3EGE 11170437 VK4LR 50.110 8 JR2HCB
Reports of Oceania	11180528 VK3OT 50.110 C JR2HCB 11180530 VK3SIX 50.110 S JR2HCB	11170438 VK4CWJ > PM95 50.110 S JH1WHS
reports of occama	11180530 VK3SIX 559 50.0535 B JAIRJU 11180531 VK3SIX > PM85 50.120 S JE2DWE	11170441 VK4LR 180° 58 50.140 JA1RJU
OCEANIA, General	11180541 VK3SIX/B 50.053 B JR2HCB	11170451 VK4CWJ 50.110 8 JR2HCB 11170451 VK4LR 50.110 8 JR2HCB
11070415 OCEAN Drift C96 559 43.511 C VK38IX 11070415 OCEAN Drift Q23 559 43.520 C VK38IX	11180603 VK3SIX 180 59 50.130-50.105 JA1RJU 11180604 VK3SIX 59 50.105 JA1RJU	11170453 VK4CWJ 180° 59 50.110 JA1RJU
11070415 OCEAN Drift 8101 559 43.455 C VK38IX	11210412 VK3AMK 180 QF21 50.140 JL4GTO	11170437 VK4LR 50.110 8 JR2HCB 11170438 VK4CWJ > PM95 50.110 8 JR2HCB 11170441 VK4CWJ 50.110 8 JR2HCB 11170441 VK4LR 180° 58 50.140 JAIRJU 11170451 VK4CWJ 50.110 8 JR2HCB 11170451 VK4CWJ 180° 59 50.110 8 JR2HCB 11170453 VK4CWJ 180° 59 50.110 JAIRJU 11170456 VK4CWJ 180° 59 50.058 B JHINHB 11170500 VK4 ch0 > PM95 50.058 B JHINHB 11170501 VK4GWJ 50.130 8 JR2HCB 11170513 VK4CWJ 50.058 B JR2HCB 11170513 VK4CWJ 50.058 B JR2HCB
American Samoa	11210418 VK3AKK 180 59 50.105 JA1RJU	11170501 VK4BIT 50.130 S JR2HCB
11102100 KVZK 2 AS 59++55.25/59.75 T EL3TIC	11180603 VKNSIX 180 59 50.130-50.105 JAIRJU 11180604 VKNSIX 59 11210412 VKNAMK 180 QF21 50.140 JL4GTO 11210418 VKNAKK 180 59 50.105 JAIRJU 11210418 VKNAKK 180 59 50.105 JAIRJU 11210418 VKNXQ 50.130 8 JFNMGM 11210419 VKNAMF 180 QF36 50.145 JL4GTO 11210420 VKNAMF 180 59 50.105 JAIRJU 11210420 VKNAMF 180 59 50.145 JAIRJU 11210420 VKNAMK 50.088 R JEZYBY 11210428 VKNAMK 50.088 R JEZYBY 11210428 VKNAMK 50.088 R JEZYBY 11210430 VKNAMF 50.088 R JEZYBY 11210430 VKNAMF 50.145 JAIRJU 11210430 VKNAMK 180 GF22 59 50.145 JAGTO 11210431 VKNAKK 180 GF22 59 50.155 JAIRJU	11170509 VK4RGG/B 11170513 VK4WTH 50.110 8 J72HCB 11170514 VK4WTH 180° 50.160 JAIRJU 11170515 VK4WTE > PM95 50.160 JAIRJU 11170518 VK4CWJ > PM86 50.105 8 JA9BHI 11170528 VK4BFI 59 180°>PM95 50.110 8 JZ2HCB 11170528 VK4WTH > PM86 50.160 JAIRJU 11170530 VK4AFL 180° 50.150 S JA9BHI 11170530 VK4AFL > PM95 50.150 S JAIRJU 11170534 VK4AFL > PM95 50.150 S JAIRJU 11170535 VK4WTH 180° 50.160 JAIRJU
11102100 KVSK 2 AS 59++55.25/59.75 T EL3TIC 11232130 KVSK AS 55.250/59.750 T EL3TIC 11220350 KVSK AS 59+ 55.250/59.750 T EL3TIC	11210420 VK3OT 180 59 50.105 JA1RJU	11170514 VK4WTB 180 50.160 JA1RJU 11170515 VK4WTB > PM95 50.160 S JH1WHS
111220350 KVEK AS 59+ 35.250/59.750 T ELSTIC 11112100 KVEK 59+ AS 55.250/59.750 T ELSTIC	11210423 VK3XQ 180 59+ 50.130 JA9BHE 11210425 VK3AHP 180 59 50.145 JA1RJU	11170518 VK4CWJ > PM86 50.105 8 JA9BHS
AUCTDALIA C. ASS. MARCHES	11210428 VK3AMK 50.088 R JE2XBY	11170528 VK4BIT 59 180°>PM95 50.130 8 JH1WHS
AUSTRALIA, General 11100500 VK-TV 46.24/.2395 & 51.740 T EL3TIC	11210428 VK3SIK 180 39 30.143 BL4GTO 11210430 VK3ONP 50.145 8 JF3NGM	11170528 VK4WTH > PM86 30.160 8 JA9BHE
11100800 VK-TV1 59 57.240/.250/.260 V EL3TIC	11210431 VK3AKK 180 50.190 JL4GTO	11170534 VK4AFL > PM95 50.150 8 JH1WHS
11100930 VK-TV 59+ STILL 46.24/57.25 V EL3TIC 11102100 VK-TV 55 46.24, 58 46.17 V EL3TIC	11210434 VK3XQ 180 59 50.135 JL4GTO	11170535 VK4HKH 180° 59 50.160 JAIRJU 11170547 VK4BKM > PM95 50.180 S JH1WHS 11170558 VK4BKM > PM86 50.180 S JA9BHS
11110735-VK TV 46.172/46.261/52.345 VK3SIX	11210436 VK3ANP 180 59+ 50.145 JA9BHZ 11210437 VK3BXA 180 59 50.155 JA1RJU	11170558 VK4BKM > PM86 50.180 S JA9BHS
11110800 VK-TV 46.172/46.261/55.250 V VK3SIX		111 /UAGG VK4AFL DU.13U S JN4CIW
11150200 VK TV VID 59 46.170 V ELSTIC	11210442 VK3SIX 180 59+ 50.174 JA9BHS	11170600 VK4BRG 50.130 S JB4CIW
11150200 VK TV VID 59 46.170 V EL3TIC 11150815 VK TV VID 59 46.170+46.240 V EL3TIC 11150847 VK TV VID 59 57.250 V EL3TIC	11210430 VK3ORP 50.145 8 JF3MGM 1210431 VK3AKK 180 50.190 JL4GTO 11210434 VK3CRX 180 QF22 59 50.155 JA1RJU 11210436 VK3ARP 180 59 50.135 JL4GTO 11210436 VK3ARP 180 59 50.145 JA9BHZ 11210442 VK3SIX 180 59 50.155 JA1RJU 11210442 VK3SIX 180 59 50.105 JL4GTO 11210459 VK3AYZ 180 59+ 6el 50.174 JA9BHZ 11210459 VK3AYZ 180 59+ 6el 50.174 JA9BHZ	11170600 VK4AFL 50.150 S JN4CIW 11170600 VK4BRG 50.130 S JB4CIW 11170600 VK4BRG 50.130 S JR2HCB

1117060	4 VK4BRG	> PM95	50.130 S JH1WHS	
1117060	7 VK4BRG/B		50.077 B JR2HCB	
1117060	7 VK4RGG 180	•	50.058 B JA1RJU 50.110 S JR2HCB	
1117061	0 VK4CWJ 0 VK4WTM		50.110 S JR2HCB	
1117061	2 VK4BKM		50.110 S JR2HCB	
1117062		90*	50.058 B JR2HCB 50.078 B JA1RJU	
1117063		*	50.130 JA1RJU	
1118045	0 VK4LR 180		50.110 JA1RJU	
1119042	3 VK4RGG/B 4 VK4APG		50.058 B JR2HCB 50.110 S JR2HCB	
1119043		QG62 59	50.180 JA1RJU	
1119044	2 VK4APG 180		50.110 JL4GTO	
	2 VK4LR	120 88	50.110 S JR2HCB	
	4 VK4HO 180 5 VK4RGG 180	120 55 599	50.110 JL4GTO 50.057 B JA9BHE	
1119044	7 VK4CWJ 180		50.110 JA1RJU	
	8 VK4CWJ	> PM95	50.110 S JH1WHS 50.110 S JR2HCB	
	1 VK4CWJ 4 VK4APG 180	59+	50.180 JR2NET	
1119050	0 VK4APG	> PM95	50.180 S JH1WHS	
	0 VK4RGG 180	559	50.058 B JA1RJU	
1119051	5 VK4APG 1 VK4APG 180	59+20db	50.110 S JR2HCB 50.180 JA9BHI	
1119055	8 VK4LE	> PM95	50.130 S JH1WHS	
	VK4BRG Es.	•	50.077 B VK3OT 50.104 S VK2BHO	
	VK4JH -030 VK4ABP Es.	•	50.104 S VK2BHO 52.345 B VK3OT	
1121023	VK4s		50.110 W VK5BC	
1121040	VK4ABP 360 VK4BRG 0	Longreach	52.345 B VK3OT 50.0771 B VK3OT	
1121040	VK4RGG 060	559	50.058 B VK30T	
1122032	8 VK4 ch0	> QM05	46.172 V JA1VOK	
		300	B VK3SIX	
1123003	VK4RGG > 0	55 PETER	50.110 S V73AT	
1123014	VK4JSR 55	59 SCOTT	30.110 S V73AT	
	VK4YPM 55		50.100 S V73AT	
	VK4ABP 559 VK4 ch0	> QMO5	52.345 B VK3SIX 46.172 V JA1VOK	
	VK4JSR	> PM63	50.110 S JA5CMO	
	VK4GPS	> PM63	50.110 B JA5CMO	
	VK4AR VK4JSR	> PM63 > QM05	50.110 S JA5CMO 50.110 S JA1VOK	
	VK4GPS	> QN05	50.107 C JA1VOK	
1125034	VK4APG	-	50.120 JA1RJU	
11251200			B VK3OT	
112/0/00	VK4s 59+		ELSTIC	
South	Australia-	VK5		
11150652	VK5BC	> QH05	50.111 C JA1VOK	
11180336		579		
		3/9	50.110 JA1RJU	
1118034	VK5BC	3/9	50.110 S JR2HCB	
1118034	VK5BC VK5BC		50.110 S JR2HCB 50.111 C JE2XBY	
11180346 1118035 11180416 1118042	5 VK5BC 5 VK5BC 5 VK5BC 5 VK5RO 180°	> PM85 419-529	50.110 S JR2HCB 50.111 C JE2XBY 50.120 S JE2DWS 50.110 JL4GTO	
1118034 1118035 1118041 1118042 1118042	5 VK5BC 5 VK5BC 5 VK5BC 5 VK5RO 180° 7 VK5RO	> PM85 419-529	50.110 S JR2HCB 50.111 C JE2XBY 50.120 S JE2DWS 50.110 JL4GTO 50.110 C JR2HCB	
11180346 1118035 11180416 1118042 1118042	5 VK5BC 6 VK5BC 5 VK5BC 7 VK5RO 7 VK5RO 6 VK5RO 579	> PM85 419-529	50.110 S JR2HCB 50.111 C JEZKBY 50.120 S JEZDWS 50.110 JL4GTO 50.110 C JR2HCB 50.110 JA1RJU	
11180346 1118035 11180416 1118042 1118043 11180441 11180445	5 VK5BC 5 VK5BC 5 VK5BC 7 VK5RO 6 VK5RO 5 VK5RO 5 VK5BC 180° 1 VK5BC	> PM85 419-529	50.110 S JR2HCB 50.111 C JB2XBY 50.120 S JB2DWS 50.110 JL4GTO 50.110 C JR2HCB 50.110 JA1RJU 50.116 C JR2HCB	
1118034 1118035 1118041 1118042 1118042 1118043 1118044 1118044	5 VK5BC 3 VK5BC 5 VK5BC 5 VK5RO 5 VK5RO 5 VK5RO 5 VK5BC 5 VK5BC 6 VK5BC 6 VK5BC	> PM85 419-529	50.110 S JR2HCB 50.111 C JE2XBY 50.120 S JE2DWE 50.110 JL4GTO 50.110 JA1RJU 50.116 JJ3AZA/1 50.116 C JR2HCB 50.111 C JA9BHE	
1118044 1118042 1118042 1118042 1118042 1118044 1118044 1118044 1118044	5 VK5BC 5 VK5BC 5 VK5BC 6 VK5RO 7 VK5RO 5 VK5RO 5 VK5BC 6 VK5BC 6 VK5BC 6 VK5BC 6 VK5BC	> PM85 419-529 > PM86	50.110 S JR2HCB 50.111 C JE2XBY 50.120 S JE2DWS 50.110 JL4GTO 50.110 C JR2HCB 50.110 JJ3AZA/1 50.116 C JR2HCB 50.111 C JR2HCB 50.111 C JR2HCB 50.115 S JF3NGM	
11180346 11180426 11180427 11180427 11180427 11180427 11180447 11180447 11180606 11210438 11210438	5 VK5BC 5 VK5BC 5 VK5BC 5 VK5RO 180° 7 VK5RO 5 VK5BC 5 VK5BC 6 VK5BC 6 VK5BC 6 VK5RO 6 VK5RO 6 VK5RO 7 VK5RO 7 VK5RO 7 VK5RO 7 VK5RO 8 VK5RO	> PM85 419-529 > PM86	50.110 S JR2HCB 50.111 C JEZEMY 50.120 S JE2DWE 50.110 JL4GTO 50.110 C JR2HCB 50.110 JJ3AZA/1 50.116 C JR2HCB 50.111 C JA9BHE 50.113 S JF3NGM 50.174 JA9BHE 50.120 JA1RJU	
11180442 1118042 1118042 1118042 1118043 1118044 1118044 1118044 1118044 1121043 1121045	5 VK5BC 5 VK5BC 5 VK5RO 180° 7 VK5RO 57: 6 VK5BC 180° 6 VK5BC 180° 6 VK5BC 6 VK5BC 6 VK5RO 180 0 VK5RO 180 0 VK5RO 180 0 VK5RO 180	> PM85 419-529 > PM86 59+	50.110 S JR2HCB 50.111 C JE2XBY 50.120 S JE2DWE 50.110 C JR2HCB 50.110 C JR2HCB 50.116 C JR2HCB 50.116 C JR2HCB 50.111 C JA9BHE 50.135 S JF3NGM 50.174 JA9BHE 50.120 JA1RJU 50.121 JA1RJU	
11180442 1118042 1118042 1118042 1118043 1118044 1118044 1118044 1118044 1121043 1121045 1121045	5 VK5BC 5 VK5BC 5 VK5RO 180° 7 VK5RO 5 VK5RO 57: VK5BC 180° 6 VK5BC 180° 6 VK5BC 6 VK5BC 180 7 VK5RO 180 7 VK5RO 180 7 VK5BC 180	> PM85 419-529 > PM86 59+ 59+ PF95 59	50.110 S JR2HCB 50.111 C JEZXBY 50.120 S JE2DWE 50.110 C JR2HCB 50.110 C JR2HCB 50.111 C JR2HCB 50.111 C JR2HCB 50.111 C JR2HCB 50.111 C JR9BHS 50.113 S JF3NGM 50.174 JA9BHE 50.120 JA1RJU 50.174 JA9BHE 50.121 JA1RJU	
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11220420 3D2CM 59+> RE66 50.130 BL3TIC
           HAWAHAN IS.

10120132 RH6HME, KH6HI
1020132 RH6GOH 60
10270100 KH6HME 60 Weak
10300355 KH6HME HI 539 TR 144.170 B B6XQ
10302314 KH6HI 579
10302324 KH6HI 379
10302324 KH6HI 339
10302337 KH6HI 579
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11042239 KH6HI 579
110423000 KH6HI 579
11042300 KH6HI 579
1104230 KH6HI 
                HAWAIIAN IS.
              MARSHALL IS.
           MARSHALL IS.

11070500 V73AT

11222345 V73A 59 59

11230117 V73AT > QMO5

11230118 V73AT > PM95

11230118 V73AT > F 50.120 8 JRITGH

112301256 V73AT 55 Tim

112301256 V73AT QSL K2CL IC706 TE 400 w VK3BIX

11230212 V73AT 579 -0400

11230212 V73AT 579 -0400

11230214 V73A Sam 59

11230405 V73AT 599 clg

50.110 B VK3SIX
11230010 EL3TIC 50.1 S JA1/2/3
11230430 EL-TV 45.25+/-10 55.25+/-10 V EL3TIC
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11230456 EL3TY 39A > RE66 W EL3TIC
11232145 EL-TV BS 45.24/45.25/45.260 V EL3TIC
11232145 EL-TV BS 55.24/55.25/55.260 V EL3TIC
11232145 EL-TV BS 55.24/55.25/55.260 V EL3TIC
11232145 EL2, EL4 STRONG BSCATTER EL3TIC
11240245 EL ch1 > PM53 45.24 V JA1VOK
11240255 EL ch1 > PM53 45.24 V JA6TEW
11240320 EL ch1 > PM53 45.26 V JA1VOK
11240350 EL2AGI > QM05 45.26/50.740 FV JA1VOK
11240750 EL ch1 > QM05 45.26 V JA1VOK
11240750 EL ch1 > QM05 45.26 V JA1VOK
11250335 EL3TY 509 50.105 JA1RJU
11250335 EL3TY 509 50.105 JA1RJU
11250337 EL4TBE RE54 59 50.140 JA1RJU
11250344 EL3TY 57 50.130 JA1RJU
11250507 EL3ADT 57 50.130 JA1RJU
11250507 EL3ADT 57 50.130 JA1RJU
11250500 EL3BUS 559 > 1300 B VK3OT
11260500 EL-TV 50 BS BRAM JA 45.260 V EL3TIC
11270400 EL3ADT, EL3TLG W JA
       VANUATU
   | VAAR | U | 1180000 YJSUU 060 | 50.120 VK4KK | 1180010 YJSUU 060 | 50.120 VK4WH | 11222300 YJSUU 57 Stewart | 50.160 S VK3SIX | 11232110 YJSUU 59 | 50.110 | $L3FIC
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SAMERICA, General 11250737 SAM LP 240° A2 BTSC 55+/- V VK3OT 11250820 A2 BTSC TV 200° 559 55.2496 V VK3OT 11250800-A2 BTSC fm 8 55.239/.2394 V VKSLP

ARGENTINA	
10032324~LU1DVT, LU9EHF	W AC4TO#
10040000_TWENTITO THORNS	W AC4TO#
10040024~LW5EJU, LU3EMK, LU6DRV	W AC4TOF
10040115 LU7MC PH > BK08 50.104	
	C XEIGE
10042320 LU6DRV > EK08 50.110	S XEIGE
10102333 FORMBE 3/A	B PYSCC
10110048 LU3EMK 59+ HORACIO	PY5CC
10110100 LUIDMA 52	PY5CC
10110109 LU2EGQ 52	PY5CC
10132213 LU7FA 51/41 FF96BV >IL18SK	S EHSBPX
10222157 LW5EJU 55/55 GF05HM >IL188K	S BHSBPX
10222207 LU1DMA 51/51 GF05PM >TL188K	S EHSBPK
10222210 LW6EUQ 57/55 GF05 >IL185K	S EHSBPX
10222214 LU9ARA 51/51 GF05 >IL188K	S RHSBPX
10222223 LUSEMK 51/54 GF050P >IL188K	S EHSBPX
10222244 LU5JAU 56/51 GF04VM >IL188K	S EHSBPX
10222250 LUSEWD 41/51 >IL185K	S EHSBPX
10222253 LUBDIO 41/51 GF05 >IL188K	S RHSBPX
	- DHODEN
	B HP3XUG
	H HP3XUG
10280044 LU4DFS 84 50.105	H HP3XUG
10280044 LU6DRV 85/7 50.120	H HP3XUG
10280116 LUSEWD 85/7 CW 50.130	H HP3XUG
10280123 LU6DRV GF05 55/58 50.105	S HP3XUG
10280227 LUSBML SO VY WK	H HP3XUG
10292016 LU3EMK 59 GF050P	PY5CC
10292023 LW6EUQ 59	PY5CC
10292031 LU5JAU 55 GF07	PY5CC
10292032 LU6DLB 59	PY5CC
10292234 LU3EMK 51/51 GF050P >IL185K	S BHSBPX
10302340 LU9EHF 53 LUIS BKS 50.110	LW5EJU
11010345 LU9EHF/B SO vy wk	B HP3XUG
11012222 711 #2/2	H HP3XUG
11022008 LU9EHF SO/2 -0348	B HP3XUG
11020024 LU2 83/4 CQing 50.110	H HP3XUG
11020200 LW5EJU 85/7 W/ TI4 50.110	
11020200 LW5EJU 85/7 w/ TI4 50.110 11020222 LU9EHF 83 OSOING TI5 50.110	
11042218 LU7PA 53 RICARDO BS 50.110	LWSEJU
11042320 LU9EHF 53 LUIS BS 50.130	LW5EJU
11042350 LU9EHF 87/9 QSOINGTI 50.130 11042350 LU9EHF/B 80/1	H HP3XUG
11042350 LU9EHF/B 80/1	B HP3XUG
11050004 LU7DTU QSOing TI4 50.120 11050010 LU7DTU GF05 54/51 50.118	H HP3XUG
11050010 LU7DTU GF05 54/51 50.118	8 HP3XUG
11062305 LU9EHF 52 LUIE BE 50.120	LW5EJU
11062330 THOUSE 51 TOMAS DO SO THE	LWSEJU
11070057 LU6V w/ TI4 SSB 50.120	H HP3XUG
11070057 LU9EHF/B SO/1 >0230	B HP3XUG
11070101 LU9EHF FF95fd 57/58 50.105	S HP3XUG
	H HP3XUG
	B HP3XUG
11092143 LU5JAU 59 DANIEL TR 50.110	LW5BJU
11092143 LU5JAU 59 DANIEL TR 50.110 11092200 LU8DNY 51 JOSE TR 50.110	LWSEJU
	H HP3XUG
	B HP3XUG
11120033 LUSEEM 82 QSOing TI4 50.110	E EP3XUG
11130048 LW5EJU S1/2 QSOIng 50.117 11130115 LU9EHF S0 vy wk > 0203	
	B HP3XUG
11172250 LUIVK 59 > FK68 50.110	W WP40
	F WP40
11202330 LU9EHF -2350	B SP6CW
11220124 LU9EHF/B SO	B HP3XUG
11220127 LU6DRV GF05 5-1 50.110	B HP3XUG
11222101 LU5JAU 52 DANIEL TR 50.110	LWSEJU
11230124 LU9EHF/B 80/1 > 0303	B HP3XUG
11230145 LU8EWD 85/8 wkg YV4YC .115 11230208 LU7DQP 83/4 wkg LU7 50.110	H HP3XUG
11230208 LU7DQP 83/4 wkg LU7 50.110	H HP3XUG
11240013 LU9EHF/B SO vy wk > 0243	B HP3XUG
11240101 LU3EMK GF05op5-5 50.115	B HP3XUG
11261831 LU3YYE 59+ Es 50.110	LW5EJU
	B LW5EJU
11261954 LUSMBL 55 GERARDO Es 50.110	LWSEJU
11262301 LUSWAT 59 ENRRIQUE Es .110	LWSEJU
11062257 LU6DVT 57 LUIS BS 50.130	LWSEJU
1010 DB 30.130	DE SECO

BRAZI	L		PALE C.C.
10030120	PY9MP 59+ EVERALDO GH13HX PY2AME 51 ORLANDO		PY5CC PY5CC
10041640	PY2DP 51		PY5CC
10092250	PY3, PY6 > GF15	W	CX1DDO#
10092252	PY3PT 51 DOW GP49 PU3WPA 51 ALMEIDA		PY5CC PY5CC
10102255	PP7SS 59 FERNANDO		PY5CC
10112145	PY5CC 59/57 GG54RE >IL188K PY2DP 54 GG66RF	8	EHSBPX PY5CC
10112137	PY2XW 529		PY5CC
10112216	PY5CC 51 50.110	s	SPSER
10112233	PP5JD 51/55 GG52RJ >IL18SK PY5CC 59/59 >IL18SK	8	EH8BPX EH8BPX
10122102	PP5JD 59/59 >IL188K	8	BHSBPX
10122203	PY2DP 51/53 >IL18SK	s	BHSBPX
10122208	PY2SFY 59/57 GG77GA >IL18SK PP6GM 55	8	EH8BPX PY5CC
10122228	PP6GM 55 PP7EE 59+		PY5CC
10122300	PP788 59 50.115	8	SPSSR
10132241	PY5CC 59/57 >IL188K PR7AGQ 50.115	8	BH8BPX PY2PA#
10132350	PR7AGQ 50.115 PY9FH 53	s	PP1CE#
10140151	PT9FH 559	C	PP1CE#
10142317	PY9WW 55 PY2DP 59 144.300	8	PP1C#
10142347	PY2DP 59 144.300 PY2ANE 51 144.300	8	PY5CC
10142357	PY9WIL 59 VILMAR		PY5CC
10142359	PY9MP 59	8	PY5CC
10152141	PP1CE 59/59 GG99 >IL188K PP1BG 59/59 GG99VT >IL188K	8	EHSBPX EHSBPX
10152233	PY5CC 59/59 >IL188K	8	EHSBPX
10162156	PY5CC 59/59 >IL188K PP1BG 59/59 >IL188K	8	EH8BPX EH8BPX
10162157	PP1BG 59/59 >IL18SK PP5BC 54 INGO	0	PY5CC
10162356	PY7BM 59++ BEATILO		PY5CC
10172049	PY2CDS 59 PP1BG 59/59 >IL18SK	8	PY5CC EH8BPX
10172152	PP1BG 59/59 >IL18SK PP1CE 59/59 >IL18SK	S	EH8BPX
10172152	PY5CC 59/59 >IL188K	8	EH8BPX
10172229	PP7EE 59 PP1CE 59/59 >IL18SK	s	PY5CC EHSBPX
10182154	PP1CE 59/59 >IL188K PY5CC 59/59 >IL188K	8	EH8BPX
10182205	PU1XES 51/51 >IL188K	8	EH8BPX
10182210	PUICES 51/51 >IL188K PY5CC VY WEAK	8	EH8BPX GJ#
10182300	PYSCC VY WEAK PSSDX 59 JUNIOR		PY5CC
10192133	PY5CC 59/59 >IL188K	8	EH8BPX
10192136	PP1BG 59/59 >IL188K PP1CE 59/59 GG99VQ >IL188K	8	EH8BPX EH8BPX
10192143	PP7JR - 54 1st PP7 for him	8	PP1CS#
10192221	PP711 - 56.	8	PP1CS#
10192240	PY7BM - 55. PP1BG - 59.	8	PP1CS#
10192241	PP1BG - 59. PU1AMD - 59.	8	PP1CS#
10202128	PY5CC 59/59 >IL188K	8	EHSBPX
10202140	PY3PT 55/55 GF49JX >IL18SK PU7AGQ 59	S	EH8BPX PY5CC
10202133	PPICE 51 LEO		PY5CC
10202225	PS8DX 59	20	PY5CC
10202226	PP5JD 51/51 GG52RJ >IL188K PP1BG 51	S	EH8BPX PY5CC
10202312	PP1BG 51 PP7JR 59+		PY5CC
10212256	PP7JR 59 JOAO.		PY5CC
10222147	PP1BG 55/55 GG99VT >IL188K PP1CE 51/51 GG99VQ >IL188K	8	EHSBPX EHSBPX
10222216	PY5CC 59/51 >IL188K	8	EH8BPX
10232207	PP1CE 51/51 >IL18SK	8	EH8BPX
10232209	PP1BG 51/51 >IL188K PY2DP 51/51 GG66 >IL188K	8 8	EH8BPX EH8BPX
10232214	PP5BC 519 INGO	•	PY5CC
10242131	PY2DP 59/59 GG66 >IL188K	8	EHSBPX
10242134	PY2XB 59/57 GG66 >IL188K PY2DSC 57/59 GG66QO >IL188K	8	EH8BPX EH8BPX
10242137	PY2DNR 57/58 GG76DV >IL188K	8	EH8BPX
	PP5BC 57/57 >IL188K		EHSBPX
10242143		8	EHSBPX EHSBPX
10242212	PY1VSP 52/52 >IL188K	8	EHSBPX
	PY28Q 52/55 GG66RI >IL188K	8	
10270241	PY2AA/B SO VY WK PY2AA/B S2/3, PY2SFY/B SO	B	HP3XUG
10272317	PY5CC SO & others on 50.110	H	HP3XUQ
10272330	PY2AA 83/5 >0116	B	HP3XUG
10272330	PY2SFY/B S0/1 -0227 PY5CC 85/8 >0017 50.110	B	
	PY2DNR GG76 559 50.105	C	HP3XUG
	PYSCC	W	HP3XUG
10272348	PU3WPA GF49 5-5 50.105 PY5CC GG54 5-9+ 50.105	8	
10280005	PY5CC 579 > EL29FG 50.100	C	K5LLL#
10280044	PY1AA/B SO WK	8	HP3XUG EH8BPX
10292224	PP1CS 55/55 >IL188K	8	
10292259	PY2IAX 51/54 GG68 >IL188K	8	RHSBPX
10292310	PSSDX 59 GIS40X Es 50.120	140	EWSEJU BH6YK
10302225			BHSBPX
10312259	PY5CC 59/55 GG54RE >IL188K	8	EHSBPX
10312300	PP722 1800 MI PY1AA/B SO -0055		SP6CW# HP3XUG
11012332	PY1AA/B S0 -0055 PY2AA/B S0 -0236		HP3XUG
11012332	PY5CC 81/2 clg a WP4 50.110	H	HP3XUG
	PY2SFY/B SO PY5CC S4/5 50.105		HP3XUG
11012344	PY5BTW GG54 539 50.105		HP3XUG
11022143	PP722 59 HI20 FOOM Bs . 110		LWSEJU
11022335	PP1CS 81/3 CW 50.110 PP1CS 82 8 QSO w/TI4 50.115	H	HP3XUG HP3XUG
11032330	PY8MD 55 GI58SE CARL .110		LW5EJU
11042125	PT7NK 51 ??? Es 50.110		LW5EJU
11060035	PY1AA/B S0 wk <0141 PY2AA/B S0/1 <0141		HP3XUG
11060035	PY2SFY/B S0 wk <0141	В	HP3XUG
11060054	PP1CE GG99uq539/559 50.1108	C	HP3XUG
11070006	PP1CS S1 CQing >0120 50.110	H	ar 3 x 0 G

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11070006 PP2AA/B 80 B
11070012 PY2EX GG66 529/559 50.105 C
11070019 PY2EW GG66 5-6 5.0105 C
11070027 PY2EX GG66 5-6 5.0105 S
11070027 PY2EX GG66 5-6 5.0105 S
11070031 PY2EX GG66 539 50.105 C
11070033 PY2EW GG66 539 50.105 C
11070039 PY2EW GG66 549/83 50.105 C
11070045 PY2EW GG66 5-3 50.105 C
11070045 PY2EW GG66 5-3 50.105 S
11070052 PY2EPW GG66 5-3 50.105 S
11070057 PY2EW GG66 51/52 50.105 S
11070057 PY2EW GG66 51/52 50.105 B
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  11070057 PUZRCM SO/1 CW CQ1mg 50.130
11070057 PY12M S1/2 QSOing TI2--
11070120 PY2EX S1 CQing 50.107
11082145 PP7HS 57 EDUARDO Es 50.110
11082128 PY1AA/B S0 > 0206
11082228 PY2AA/B S0 > 0206
                                                                                                                                                                                        HP3XUG
HP3XUG
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                                                                                                                                                                                        HP3XUG
 11082328 PY23FY7 SO wk > 0
11082333 PY20FY7 SO wk > 0
11082333 PY20F GG66 5-3
11082335 PY20F GG65 5-3
11082342 PU1KDR GG871c539
11082345 PY15L GG871c539
11082354 PY5--w S2 QS0ing
11090007 PY2BW S2 CQing
11110217 PY1AA/B S0/1
11110217 PY2AA/B S0/1
                                                                                                                                                                                        HP3XUG
HP3XUG
                                                                                                                          0206
                                                                                                                                50.110 8
50.110 8
50.105 C
                                                                                                                                                                                        HP3XUG
                                                                                                                                                                                        HP3XUG
                                                                                                                                        50.105 C
50.110 H
50.110 H
                                                                                                                                                                                        BP3XUG
                                                                                                                                                                                        HP3XUG
                                                                                                                            > 0245
   11110217 PY28FY/B 80 vy wk
 11110217 PY2SFY/B S0 vy wk B 11112250 PY1AA 51 Es 50.051 B 1112250 PY2AA 57 Es 50.059 B 11112230 PY2SFY 51 Es 50.010 B 11112300 PY5BC 57 INGO Es 50.110 1112325 PY2ACS 59 ORLAHDO Es 50.110 1112302 PY1AA/B S0/1 B 1120102 PY1AA/B S0/1 O027 B 11120147 PY5CC S1/2 Cging 50.110 E 11130000 PY2SFY/B S0 > 0203 B 11130000 PY2SFY/B S0 > 0203 B 11130000 PY2SFY/B S0 > 0205 Co.155 C
                                                                                                                                                                                         HP3XUG
                                                                                                                                                                                        LWSEJU
                                                                                                                                                                                       LW5EJU
LW5EJU
                                                                                                                                                                                        T.WSR.TU
                                                                                                                                                                                         LWSEJU
                                                                                                                                                                                        HP3XUG
11122147 PYZCK 51 20 20 3 11130000 PYZSPY B 50 20 3 11130018 PYZSPY B 50 20 53 9 50.105 C 11130027 PULCHY 55/7 wkg YV-6WFM 50.110 H 11132100 PYZAA 39 Es 50.059 B 11132110 PYZSPY 53 Es 50.010 11132140 PY SCC 59+ PITER ES 50.110 11132140 PYZSPY 53 Es 50.010 11132210 PYZAA 51 Es 50.051 B 1132200 PYZAA 51 Es 50.051 B 1132200 PYZAA 52 EAAS ES 50.110 11132218 PYSBI 52 BIAS ES 50.110 11132218 PYSBI 52 BIAS ES 50.110 11140036 PYZAA/B S0/1 < 0157 B 1140036 PYZAA/B S0/1 < 0157 B 11142040 PYZAA 59 BEACCE ES 50.059 B 1170017 PP7ES 59 FOOE ES 50.110 11170100 PYTAA, PYZSPY, PYZAA B 11212346 PYZAA/B S0 Y wk 11212346 PYZAA/B S0 Y wk 11212346 PYZSPY/B S0/1 > 0124 B 11212344 PYZSPY/B S0/1 > 0303 B 1123034 PYZSPY/B S0 > 0303 B 1123034 PYZSPY/B S0 > 0303
                                                                                                                                                                                        HP3XUG
                                                                                                                                                                                         HP3XUG
                                                                                                                                                                                        LWSEJU
                                                                                                                                             52.910 F LW5EJU
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LW5BJU
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7J6CCU
                                                                                                                                                                                        HP3XUG
   11232308 PY25FY SO > 0303
11232334 PY1AA/B SO wk
11232334 PY2AA/B S1/2 > 0328
                                                                                                                                                                                        BP3XUG
 HP3XUG
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                                                                                                                                                                                       LW5EJU
LW5EJU
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LW5EJU
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                                                                                                                                                                                       LW5EJU
SP5CW
LW5EJU
                                                                                                                                                                                       LW5EJU
LW5EJU
                                                                                                                                                                                        LWSEJU
                                                                                                                                                                                        LWSEJU
                                                                                                                                                                                         WIJJM
                                                                                                                                                                                        W1JJM
                                                                                                                                                                                W PYSEE
    CHILE
    10110039 CE3OK
                                                                                     59
    PARAGUAY
   10112212 17518 51 8
10112212 17518 51 8
101150027 17597 56
10150027 17597 57 RAM
10280116 17508 81/3
10280145 17508 81/3
10280145 17508 81/3
10280227 17508 81/3
10280227 17508 81/3
                                                                                       51 BACK SCATTER
                                                                                                                                                                              S PP1CE#
                                                                                                                                                                                        PY5CC
HP3XUG
                                                                                                                                               50.110 H
50.105 S
50.105 S
                                                                                                                                                                                        HP3XUG
   10280227 EP6CW 81/3 50.105
11020024 EP6CW 83/4 CQing 50.110
11020109 EP6CW GG14 539 50.105
11132150 EP5PT 51 RAMON Es 50.110
11222026 EP5PT 59 RAMON Es 60.110
112222100 EP5PT 59 RAMON Es 50.110
                                                                                                                                               50.110 H
                                                                                                                                                                                        BP3XUG
                                                                                                                                               50.105 C
50.110
                                                                                                                                                                                        HP3XUG
LW5EJU
    URUGUAY
   W AC4TO#
W AC4TO#
50.110 S XEIGE
50.110 S XEIGE
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10280044 CX9-K 85 50.115 H HP3XUG
11010345 CX1CCC/B S0 B HP3XUG
11012332 CX1CCC/B S0 Vy Wk
11062308 CX1CCC/B S0 Vy Wk
11062315 CX9CK 53 FERMIM BB 50.120
11070057 CX1CCC/B S0/1 >0223 B HP3XUG
1110217 CX1CCC/B S0 > 0245 B HP3XUG
11120033 CX1CCC/B S0/1 >0203 B HP3XUG
11130048 CX1CCC/B S0/1 >0203 B HP3XUG
1130048 CX1CCC/B S0/1 >0203 B HP3XUG
1120310 CX1CC -(21)0100 B FP6CW
11220112 CX1CCC/B S0 Wk > 0124 B HP3XUG
11230112 CX1CCC/B S0/1 > 0303 B HP3XUG
11240049 CX1CCC/B S1/2 > 0303 B HP3XUG
11240049 CX1CCC/B S1/2 > 0303 B HP3XUG
11240055 CX3AB GF15 579 50.110 C HP3XUG
     VENEZUELA
   10022312 YV4AB
10070025 YV4YC
10070029 YV4AB
                                                                                                                                                                                                                                                                                                                                                  B PY5CC
PY5CC
B PY5CC
                                                                                                                                                              519
10102347 YV4AB
1013040 YV4AB
10200051 YV4DYJ
10200052 YV4DYJ
10272314 YV4AB
10302335 YV4AB
11020000 YV4
110322355 YV4AB
11040010 YV4YC
11100054 YV4AB
11112210-YV4AB
11112210-YV4AB
                                                                                                                                                                                                                                                                                      B PY5CC
50.025 B LW5EJU
PY5CC
     10102347 YV4AB
10130040 YV4AB
                                                                                                                                                                                   519
                                                                                                                                             52
55
- 55.
57 F2
TE H
                                                                                                                                                                                                                                                                                                   8 PP1CE#
                                                                                                                                                                                                                                                                                    50.025 B LW5EJU
50.110 LW5EJU
50.025 B LW5EJU
                                                                                                                                             51 TE MANUEL
57 F2
                                                                                                                                                                          -0300
                                                                                                                                                                                                                                                                                                                                                                         EP6CW
                                                                                                                                                    57 TE
57 BEN
57 TE
                                                                                                                                                                                                                                                                                    50.025 B LW5EJU
50.115 LW5EJU
50.025 B LW5EJU
50.025 B LW5EJU
B KP4EIT
B WP40
                                                                                                                                                                                                                                  TE
     11112200-YV5AB 559
 | New York | New York
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Beacon News

FP5XAB (50.038) has found a home. It is now operating continously and should be long after I have left here (last week of November). Here are the details, Ident FP5XAB, Keying CW, (on-off keying), Output pwr 15W, Grid square GN16, Antenna - horizontally polarized - V shaped dipole - no gain over a dipole mounted 7 metres AGL, about 40 metres ASL Overseers - Jean Porquet, FP5BU -Jean-Pierre Carrier FP5CJ, If you have any questions after I leave please feel free to contact me: at rlthompson@ thezone.net 73 de Ron FP5EK

VA3BCN FN03 is on 50049.8 Mhz. I believe this beacon was off air for about the past 3 years but is active again. Location is just west of Toronto, Ontario. . . . 73. . Mike VE3FGU. . .

WB9STR: EN61, Bradley, Illinois, 50,071 Mhz, 5 Watts output Vertical ground plane Antenna at 45 feet. This beacon is on 95% of the time, only off when Greg is operating the band.

PJ2SIX: I am happy to see a report of PJ2SIX after a break of a few years. We installed it on the first location in 1992. Power is 22 watts. ERP is 30 W omni.

If my original antennas (4 x dipole omnistack) are used it should be a very strong indicator and during previous operation it was widely reported.

Let us know, if you hear my "baby".... 73,

Zaba OH1ZAA father of PJ2SIX

ZS6PVW: is a packet beacon on 50.750 MHz. The beacon is transmitted every one minute. The beacon text look like this: ""Six packet beacon: * ZS6PVW Pieter * Pretoria West * KG44BG * TPK.1.83b""

I am using a Yaesu FT-690 with 2.5 Watt output. The antenna is a 5/8 vertical, 5m above ground level. Any reports welcome. Hope to see you on SIX packet. 73 de Pieter van Wyk, P O Box 107, Philip Nel Park, Pretoria, South Africa 0029.

South Africa 70 MHz: The South African Telecommunications Regulatory Authority (SATRA) has assigned the frequency spectrum 70.000 to 70.01875 MHz to the South African Radio League on a secondary basis for the purpose of propagation studies.

The SARL is inviting proposals from radio amateurs who are interested in beacons on 70 MHz. Proposals must be sent to the Secretary SARL and include as much detail as possible. Please mark all correspondence: 70 MHz beacon proposal. The e-mail address is sarl@global.co.za, the fax number 011 484-2831 and the postal address: PO Box 807, Houghton 204.

OX3VHF: OX3LG Michael confirmed that OX3VHF beacon in south Greenland GP60XR 50.045 Mhz now is on air again. Beacon running 20W into a GP. 73 OX3LX/OZ1DJJ Bo

In addition to the, now resurrected, existing beacon, there are plans to erect another on the East coast. 73 de OZ1PIF, Peter

5Z4, Kenya: Tony 5Z4FZ has been in touch with GJ3RAX re a beacon for 50MHz, Tony states that at present 50MHz is not permitted in Kenya and is trying to get permission for a beacon and for himself. His friend 5Z4NU has an email addesss: allyene@users.africaonline.co.ke

NS4W: EM76VJ near Lafollette, TN at 3000'+, 50.070 MHz, 0.35W to horizontal dipole, N/S path.

GB3LER, GB3VHF, ZP5AA, JA7ZMA off the air, at least temporarily.

CT0WW: G4UPS notes that he is pleased to report that CT0WW beacon is still active on 6m and is received far stronger than the CS1ACP beacon, both of which were heard several times in early October.

S55ZRS: G4UPS notes is back on its official frequency of 50.0155 MHz.

Ghosts of beacons past: ZP5ZR sent me a copy of the (RSGB) DX News Magazine, No. 28, dated October 1997. Inside was a list of 6 metre beacons by PY2SR. Included were CE3BXK, H44HIR, VE7SIX, P29BPL, SZ2DH, PJ4B, JE6ZIH, ZS3VHF, GB3SIX, 6Y5RC, ZS6PW, LU8YYO, ZB2VFH {VHF}, ZS3VHF, CX8BE, YV5/DL3ZM, ZS6LN, TF2SIX, WA8ONQ, K1NFE, GB3NGI, N4PZ, K6MYC (/KH6), WD7Z, NB30/1, W9KFO, KL7WE, VK6RPR {RPH}, WB8IGY, W4HHK, W0BJ, KA4VEY, KB4UPI, JH0ZPI, K0TF, N4LTA, WA7ECY, WB0CGH, WB4GJG, ... and that's only up to 50.070. Will somebody please drive a stake through these guys' hearts?

QSL Information

YJ8UU: Stewart via ZL2HE.

V73AT: Tim McLaughlin, PO Box 338, APO San Francisco, CA 96555

9H1XX: via DL2GBT, Claus Floesser, PO Box 1447, 76404 Rastatt, GERMANY, but preferably via bureau.

JY9QJ: KM71, George, via DL5MBY

CN8LI: by his request. PSE DO NOT QSL direct {with or without green stamps or IRCs}, ONLY QSL VIA THE BUREAU because he has a lot of trouble with the local postoffice!!!

D2AI: QSL via CT1EGH.

ZD8V: via KF4OOX or Paul L. Hutley, CSR 6310 Ascension, PO Box 4915, Patrick AFB, FL 32925.

ZD7WRG: Johnny, QSL via WA2JUN.

DX Operations

Ethiopia: ET3SID in KJ99 has been QRV on 6m since October 8. His home call is G4CTQ and he is equipped with an FT-736R.

Marshall Is.: Tim, V73AT, now has a TE systems s/s amp rated at 400W CW. His antennas are two 6 ele Yagis 7.2m long, horizontally spaced 7.2m, 20m above ground. He will be away from V73 from Dec. 13 to Jan. 5.

Bahamas: Bill Wiseman, KM1E/C6AGN will be returning to Green Turtle Cay in mid-December until mid-January.

Bermuda: Paul, AA4ZZ, was to have operated /VP9 during a Nov. 20-24 vacation with an IC-706 & 3-ele beam. Anybody hear him on 6m?

Oman: During a QSO with Tony Selmes, A45ZN on 28 MHz on October 7, he informed G4UPS that he had been given verbal authority for operations in the 6m band and was just waiting for the written permit. In a 21 MHz QSO on October 23 he indicated that he had just received his two 5-ele 6m Yagis and would be putting them up within the next few days.

Diego Garcia, VQ9: Dale, W4QM, informed G4UPS that he will be returning to Diego Garcia as VQ9QM in January 1998 and that he will be active on the 6m band as soon as he arrives back there!

Ascension Is.: Paul, KF4OOX, reported he will be transfering to Ascension Island around October 29, and hopes to be active within a few days on 20-10m and on 6m after he receives his 6m antenna. His callsign will be ZD8V. He plans to be active after work between 1800-2300Z and on weekends.

Malawi: 7Q7RM, Ron McFarlane, writes that he has been in Malawi for 48 years! "There are only two stations to work in Malawi at the moment, myself and John 7Q7JL. John is rather involved with his own business (logging) and does not spend so much time on the bands.

Both of us work 160m down to 6m and we both reside in the same grid square (KH74MF) about a mile apart.

There is also a 24-hour 6m beacon at John's QTH, 7Q7SIX, frequency 50.003, 7 Watts to a vertical dipole at about 25 feet (supplied by UK Six Meter Group)."

Ron needs mainly the N/NW portion of the (United) states.

JA1VOK Exits World VHF News

JA1VOK writes that he will be leaving as editor of *World VHF News* of Five Nine magazine after the December 1997 issue. He contributed to the magazine as 6m News editor for over ten years (since Oct. 1987).

However, he will continue to edit his other column V.UHF DX Topics of Mobil Ham magazine.

He included the list prices of various models of Yaesu's FT-847 all-band, all-mode transceivers.

FT-847 HF/50 MHz 100W; 144/430 MHz 50W ¥210,000

FT-847M HF/50/144/430 MHz 50W \$\frac{4}{2}10,000

FT-847S HF 10W; 50/144/430 MHz 20W \(\frac{4}{2}06,000\)